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CHEMIST AND DRUGGIST

AUGUST 5 1967

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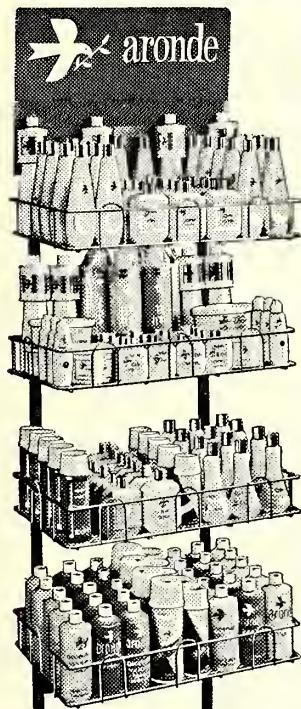
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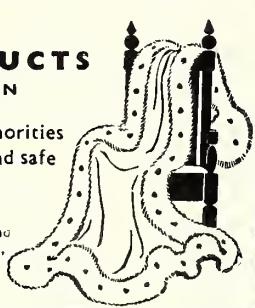
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THE WEEKLY NEWSPAPER FOR PHARMACY
and all sections of the drug, pharmaceutical,
fine chemical, cosmetics, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and of the Pharmaceutical Society of Northern Ireland*

Volume 188

August 5, 1967

No. 4564

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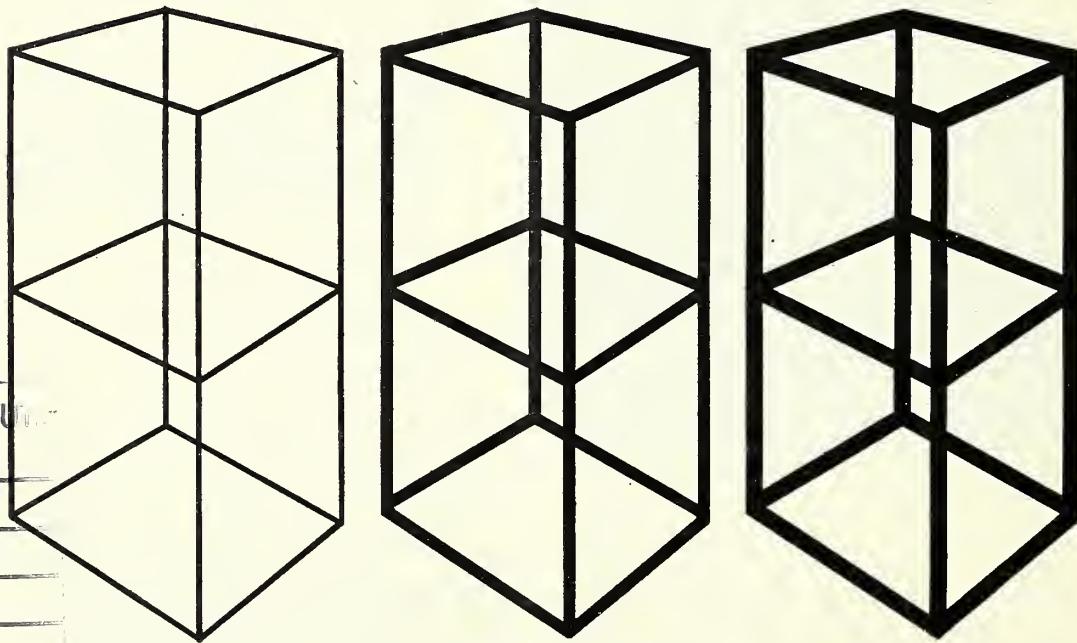
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C&D CHEMIST AND DRUGGIST

Volume 188

AUGUST 5, 1967

No. 4564

Hospital Pharmacists NEW SALARY SCALES

THE Pharmaceutical Whitley Council Committee 'C' accepted on July 26 an offer of increased salaries linked with an immediate investigation into salary and career structure including promotion prospects, need and facilities for post-graduate training, recruitment, training and use of supporting staff and the organisation of the hospital pharmaceutical service.

Post-graduate students and basic grade pharmacists receive an increase of 10 per cent., senior pharmacists 7 per cent. and chief and deputy chief pharmacists 6 per cent. New rates for part time and locum tenens pharmacists are being announced later. The new rates, effective since July 1, are as follows:— Post-graduate student, £825, plus £25 higher qualification allowance where applicable; pharmacist, £1,087-£1,366; senior pharmacist, £1,151-£1,434; Chief Category I and Deputy Chief IV, £1,196-£1,530; Chief Category II and Deputy Chief V, £1,305-£1,652; Chief Category III, £1,404-£1,865; Chief Category IV, £1,454-£2,008; Chief Category V, £1,574-£2,195.

Cyclamates

SUGAR BUREAU "DISTURBED"

THE British Sugar Bureau in a statement says it is disturbed at the decision by the Minister of Agriculture, Fisheries and Food to permit an extension of the use of cyclamates as artificial sweeteners despite continuing doubts as to their safety and in the face of growing world opinion that they need considerably more investigation. The Bureau is continuing to seek Government prohibition of any artificial sweetener that may have toxic effects and which is not fully tested in conformity with accepted standards, and to demand further research into non-nutritive food substitutes whose toxicity is considered to be in doubt. Pending the development of a specification for cyclamates, the cyclohexylamine content of cyclamates should not exceed 100 parts per million, says the Food Additives and Contaminants Committee in its second report on cyclamates (H.M. Stationery Office, price one penny). The committee was asked to consider additional evidence that had become available since the original report on cyclamates published in 1966 (see *C. & D.*, February 12, 1966, p. 145). The report reaffirmed the recommendations in that earlier

report and endorses three new recommendations made by the pharmacology subcommittee, namely that (a) cyclohexylamine should be fully examined from the toxicological point of view within the next three years as a matter of urgency, with particular emphasis on adequate metabolic studies in man and rats; (b) within five years further metabolic studies on cyclamates should be carried out to elucidate the relationship to cyclohexylamine excretion; and (c) the specification of cyclamates should be revised to include satisfactory methods for the quantitative detection of cyclohexylamine and the related dicyclohexylamine and to set acceptable limits for those impurities. The Ministries of Agriculture, Fisheries and Food and of Health have accepted the advice given in the report (see *C. & D.*, July 29, p. 92).

Sweets and Tablets

HAZARDS OF SIMILARITIES DISCUSSED

A MEETING between representatives of the Cocoa, Chocolate and Confectionery Alliance and of the Association of the British Pharmaceutical Industry to discuss the risks to young children from the similarity in appearance between some confectionery and

some medicinal tablets is described in the annual report of the Medical Commission on Accident Prevention. The pharmaceutical industry agreed to look more closely at the question of strip or similar packaging but pointed out that the use of such methods would bring about labelling problems and increased costs. Confectionery manufacturers' representatives agreed to discuss the question of shapes of sweets with their Association. The use of containers that are more difficult to open for dispensed solid-dose preparations was also considered. The Commission recognises that parents bear the primary responsibility for their children's protection, but feels that many adults are unaware or heedless of the risks. Copies of the report are available (price 5s. 6d.) from the Commission at 50 Old Brompton Road, London, S.W.7.

European Pharmacopoeia

WORK ON FIRST VOLUME COMPLETED

DURING the tenth session of the European Pharmacopoeia Commission in Strasbourg, July 18, approval was given to the texts of the "General Methods of Analysis" and to 51 monographs on specific substances, (17 inorganic chemicals, 16 organic synthetic chemicals, and 18 organic natural products) thus completing the work for the first volume, to be printed in English and French and published at the end of 1967 or early 1968. The date of coming into force of the monographs has not yet been fixed. The Commission noted that work on the monographs for the second volume, consisting predominantly of biological substances is now well advanced

A CENTURY OF SERVICE: Between them Messrs. E. G. Stafford, Ilford, and W. Channon, Upminster, have contributed fifty years' service each to The British Drug Houses, Ltd., London, N.I. Mr. Stafford is superintendent of the company's overseas dispatch department at Graham Street and Mr. Channon is head sampler in the analytical department. They are here seen with the company's managing director (Mr. F. W. Griffin), right, at a ceremony at which they were presented with long-service awards.



and it is hoped that it will be possible to approve them during 1968. The arrangements for publishing the pharmacopoeia are not yet finalised; an announcement will be made later.

Cut-price Films

A SURVEY BY "WHICH?"

SHOPPERS who carried out on behalf of the Consumers' Association a survey on film prices in seventeen parts of the country found that top prices were nearly always charged by chemists and specialist photographic dealers. Results of the survey are published in the August issue of *Which?* Types of shop covered included duty-free airport shops, channel ferries, supermarkets and shops belonging to Dixon's Photographic, Ltd., F. W. Woolworth & Co., Ltd., Co-operative stores and multiple chemists. Kodak films were found in almost every shop visited. More than half the shops stocked Agfa and Ilford and about one-third had a limited range of Ferrania film. Other brands were found only occasionally. Kodak film was the most likely to be obtained "cheaply". It was available in most sizes from "Boots, Co-ops, Dixons, Timothy Whites and Woolworths." A few supermarkets stocked a limited range at about the same price. Cheapest were three duty-free airport shops and boats to the Continent. Most usual developing charge for colour-negative film was 5s. (some shops charged up to 6s. 6d.) with prints at 1s. 9d. or 2s. depending on size and shape. Prices were less standardised for monochrome films. Charge for 35-mm. developing was generally 3s. or 3s. 6d. (sometimes 2s. 6d.). Rapid, 126, 120 and 127 films were usually priced at 2s. 6d. with a range of from 2s. to 3s. Prints varied from sixpence to 1s., eightpence being usual. The report also deals with own-name films sold by Boots, Dixons, Woolworths and the Grattispool Co.

Agricultural Chemicals

SAFE USE RECOMMENDATIONS

THE Ministry of Agriculture, Fisheries and Food has issued more "recommendations for safe use in Great Britain" for a variety of compounds including the following organochlorine insecticides:—Chlordecone (decachlorooctahydro-1, 3, 4-metheno 2H-cyclobuta (cd) pentalen-2-one), aldrin and dieldrin. Recommendations have also been issued for the herbicides 2, 4-D, bromoxynil, dalapon, dimexan, diquat, lenacil and propachlor and the fungicide ethoxyquin. Other compounds for which recommendations are made are:—Tetramisole, Cyfac-5, Cyfac-25, chlorhexidine gluconate, cyanamide powders, ioxynil, disulfoton, thionazin, endrin, endosulfan, phosalone, maleic hydrazide, dichlorfluanid and mercurous chloride. Recommendations are made in respect of mercuric chloride when used as a turf fungicide in a formulation applied to sports turf by groundsmen but otherwise the use of the compound is vetoed in agriculture or horticulture and in home gardening. The Ministry also state that thallium sulphate should not be used

as an insecticide in agriculture, horticulture, home gardens or in food storage practice in Great Britain.

Blackcurrant Syrup

"NEAR FAMINE" YEAR FOR FRUIT

THE 1967 blackcurrant crop is believed to be the poorest for about ten years. A sharp frost early in May came at a critical time not only in England but on the Continent. One large manufacturer of blackcurrant syrup (H. W. Carter & Co.) reports that the yield is down to a level varying from 25 to 40 per cent. of an average crop, depending on the district. Normally the price paid to contractors by the manufacturers for the fruit is around £160 per ton. This year the rates asked by home and foreign suppliers have ranged from £350 to £500 per ton. As a result, the quantity of concentrated fruit juice that the processors will be able to extract this season is expected to be relatively small, but supplies of syrup should be less severely affected because a succession of bumper crops of fruit over the previous four years has left a comfortable margin to carry forward.

Medical Research

WHERE THE MONEY CAME FROM

MORE than £50 millions a year, approximately twice as much as six years ago, is now spent on medical research in the United Kingdom according to an estimate in the Office of Health Economics Information Sheet No. 2 "Medical Research." In 1965-66 the Government provided 63 per cent. of the money, the pharmaceutical industry 27 per cent. and the trusts and charities 10 per cent. The government's share has risen from 56 per cent. in 1961-62. Government expenditure is channelled through two main sources, namely the Medical Research Council (£12 m.) and the University Grants Committee (£17 m.) out of a total of £31 m. for 1966-67.

Health Centres

APPROVED IN PRINCIPLE

THE Inner London Executive Council has approved in principle the provision of health centres with facilities for the provision of general medical services as follows:—The Aylesbury Road development area, London, S.E.17; the North Peckham, Camden site area London S.E.15; the Brocklebank site, London, S.W.18; Milsom Road, London, W.14; Clem Attlee Court, London, S.W.6, and at Wandsworth Bridge Road, London, S.W.6.

Computers in Medicine

"STANDARD LANGUAGE" INVESTIGATION

THE Minister of Health (Mr. Kenneth Robinson) is setting up a committee to consider the need for a medical computing language and, if the need exists, to suggest solutions to the problems involved and to estimate their cost. Study in recent months of the possible use of computers in the National Health Service has shown that there will be a wide range of uses, particularly in hospitals, and many users.

IRISH BREVITIES

THE NORTH

PRESCRIPTIONS dispensed in Northern Ireland during May numbered 889,854 (572,662 forms). Total cost was £536,683, an average of 144·75d. per prescription.

NEWS IN BRIEF

THE August price revision of the Drug Tariff, Scotland, changes the prices of fifty-four drugs and preparations and deletes, as from August 1, cotton and elastic net bandages, BPC 2½ ins. and 3½ ins.

A GENERAL review of productivity, prices and incomes in the United Kingdom during 1966 was published by the National Economic Development Council on August 2 and is available from H.M. Stationery Office, price 4s. 6d.

A LEAFLET describing the possible health dangers involved in keeping pets has been produced by the Central Council for Health Education, Tavistock House North, Tavistock Square, London, W.C.1. Price is 2s. 6d. a doz., plus postage.

POSTAL coding, already announced for Norwich, Croydon, Aberdeen and Southampton, will cover 121 post towns by the end of the year. The aim of the G.P.O. is to provide codes to most premises in Britain before the end of 1970.

THE Minister of Health (Mr. Kenneth Robinson) laid the foundation stone for the largest general hospital ever to be built in Wales—the University Hospital of Wales—at Cardiff on July 26. The new hospital will provide nearly 800 beds together with a large out-patients' and supporting departments.

THE Chemical Society is proposing to form a protein group to encourage the discussion of the chemistry (including the biological chemistry) of peptides and proteins. Membership is not necessarily confined to Fellows of the Society, and anyone wishing to support the proposal should notify Dr. G. T. Young, The Dyson Perrins Laboratory, South Parks Road, Oxford.

PRODUCTS accepted for the Design Index of the Council of Industrial Design, 28 Haymarket, London, S.W.1, in June included the Rotatrim photographic trimmer of HM Developments (Uxbridge), Ltd., Belmont Road, Uxbridge, Middlesex; Ilfoprint photographic processors of Ilford, Ltd., Ilford, Essex; a camera outfit (the Instamatic 104) of Kodak, Ltd., Kingsway, London, W.C.2; and the Dohm-bucket industrial bucket (in toughened polythene with galvanised metal handle and lugs and beechwood handle-grip) of Dohm Plastics, Ltd., 167 Victoria Street, London, S.W.1.

THE Birmingham Drug Testing Scheme, which came to a halt with the death of Mr. F. G. Stock in August 1966, was recommenced on April 1. In the period to June 30, 103 samples had been taken from twenty-nine pharmacies. Overall quality continues "very satisfactory" states the Birmingham

city analyst (Mr. Bill Coombes) in his report for the second quarter of 1967.

STRONG opposition to the Minister of Transport's quantitative licensing proposals was registered by the Traders Road Transport Association at a meeting with the Minister on July 27. The Association takes the view that, although the Minister appeared to be prepared to frame her detailed legislation in a way that would meet some of the T.R.T.A.'s detailed points of objection, she gave no sign of shifting on the principle of direction of traffic to the railways.

SPORT

GOLF

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY. Latest meeting of the society was at Mere golf club on July 26. Results: *Woolley trophy*; 1, R. Demaine; 2, R. Ogden. *Ladies putting competition*, 1, Mrs. Atkinson; 2, Mrs. Stubbs.

SOUTH LONDON AND SURREY PHARMACISTS GOLFING SOCIETY. Thirty-six members took part in a Stableford competition for the *Verona trophy* at Walton Heath golf club on July 19. Results: 1, E. S. Jobling, Gerrards Cross (9), 41 points; 2, P. Fernandez, Shirley Park (12), 37; 3, W. S. Hutcheon, West Hill (18), 36. *Scratch to fourteen handicap prize*, F. Needham, Effingham (9), 36. *Fifteen and over handicap prize*, J. Widocks, Croham Hurst (16), 31. *Best score on first nine holes*, F. Jamieson, Shirley Park; *On last nine holes*, S. G. Mote, Walton Heath. *Special prize*, J. Martin, Ifield.

IRISH CHEMISTS' GOLFING SOCIETY. An outing to the Castle, Dublin, on July 27 attracted over forty competitors for prizes presented by Irish Pharmaceuticals, Ltd., and Kodak Ltd. The prizes were presented by Mr. H. Palmer (managing director, Irish Pharmaceuticals, Ltd.) and Mr. F. Cowmeadow, (Kodak, Ltd.) at a dinner in the club house presided over by the captain (Mr. C. Staunton).

Results: *Class A* 1, B. Jordan (4), 40; 2, S. Carroll (10), 38; 3, J. J. Dalton (12), 38. *Class B*, 1, C. O. Greene (18), 41; 2, C. O'Sullivan (17), 38; 3, P. Fitzmaurice (19), 37. Next outing is at the Hermitage on August 17.

LOCAL OFFICERS

PHARMACEUTICAL SOCIETY BRANCHES

Birmingham. — Chairman, P. Crees; Vice-chairman, G. Hanslow; Treasurer and Secretary, C. McArdle, 110 Deltrene Road, Shirley, Solihull, Warwickshire. (Telephone: (Home) Shirley 3464 (Business) Birmingham Central 8611, Ext. 368).

Bury. — Chairman, C. E. Tasker; Assistant Secretary, Mrs. S. Strickland; Treasurer and Secretary, Mrs. A. Fewtrell, 20, Old Lane, Walmersley, Bury, Lancs.

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Reigate and Redhill. — Chairman, M. H. Webb; Treasurer, D. K. Webster; Vice-chairman and Social Secretary, D. S. Nunn, 38 Hevers Avenue, Horley, Surrey; Secretary, P. Morris-Wilson, 1 Western Parade, Woodhatch, Reigate, Surrey.

Southampton. — Chairman, L. S. Johnston; Vice-chairman, L. W. Parsons; Treasurer, Mrs. J. F. Dear; Social Secretary, F. S. Leaper, 117 St. James Road, Southampton; Secretary, M. J. Bassil, 55a Bedford Place, Southampton.

Wolverhampton. — Chairman, D. T. Rowney; Treasurer, W. N. Edwards; Social Secretary, Mrs. M. Hewitt, 19 Pinfold Lane, Penn, Wolverhampton; Vice-chairman and Secretary, J. L. Moorhouse, 1 Overseal Road, Wednesfield, Staffs.

TOPICAL REFLECTIONS

By Xrayser

Crowning glory

The colourful and illuminating supplement dealing with the important subject of hair care, enclosed with last week's issue, demonstrates forcibly, to one of my vintage, that internal combustion, jet-propelled aeroplanes, and atomic fission are not the only discoveries of the age through which I have lived. Is it possible, I ask myself, that on the first, and perhaps even the second occasion, on which I was offered articles described as "home perms" I felt a sense of positive affront and resolutely refused to have anything to do with such novelties? Staff and public were outraged, and I was forced to realise that an ageing obstructionist had better leave that side of the business in more youthful and more sympathetic hands. And almost imperceptibly it was borne in on me that other changes were taking place, for I was astonished to discover that the brunette of yesterday had become the blonde of today and, in a remarkably short time, appeared as a striking redhead. I had been raised in the school of Charles Kingsley, who admonished the young ladies of his time (and mine, I am forced to admit) to "be good, sweet maid, and let who will be clever," with something about the doing of noble deeds. But then it might be argued that the perms and the colourants come into the category of noble deeds. I must confess, once more displaying my hopelessly outdated outlook, that some of the hair styles I have seen recently have recalled another of Kingsley's verses concerning a young lady who met her end in the Sands O' Dee. "Oh! is it weed, or fish or floating hair?" And I have wondered which. But much of my soured disposition is easily accounted for by the circumstance that I am one of the unfortunates who, now that I am able to afford the kind of hairdressing I have always wanted to use, have no further need for it. There is no doubt that your supplement will be of the greatest value to the staff who advise the many who make use of modern adjuncts to woman's crowning glory.

Prescription charges

I note that, at the annual meeting of representatives of the British Medical Association, held at Bristol, a resolution was passed to the effect that the Minister of Health was mistaken in his view that a prescription charge would not lessen the work of the general practitioner, and that it was considered necessary to introduce such a charge to reduce the work load. I am sure that the doctors are correct in their assumption that the load would be lightened by such a charge, and I am equally certain that the lessening of demand would be proportionate to the amount of the charge levied. But that, surely, would be the equivalent of a rationing by purse, and would be a negation of all that the Health Service stands for. The old, the sick and the needy should be a priority in a social service of the kind planned over many years of human endeavour to ease the burden, and no matter what steps are taken to alleviate hardship, none have been devised in the past which did not necessitate a degree of humiliation. Refund of sums paid required — by asking for a reclaim receipt at the counter — a public disclosure of adverse financial circumstances. Hardship is bad enough in itself, without the need for broadcasting it. It is remarkable that the B.M.A., which consistently, over a long period of years, campaigned for a removal of the charges, should now be vociferously demanding their reintroduction.

Price maintenance

I see no reason why, in this brave new world, I should not coin a new word. The public may find before much time has passed that the abolition of price maintenance has resulted in their having no standards by which to judge the price of anything. I have, on occasion, made a round of the supermarket type of business and had my curiosity aroused by the fact that some articles are being offered at a price lower than that at which I can buy them direct from the manufacturers, while others bear prices in excess of what is regarded as the "recommended" price. We face a period of chaos and the door is opened to sharp practice.

Chemists' Action Group

PROTEST TO MINISTER AND COMMITTEE

A VOTE of no confidence in the Central National Health Service (Chemist Contractors) Committee was passed at the inaugural meeting of a new Chemists' Action Group of Great Britain held in London on July 30. The meeting, which had been organised by MR. S. BLUM (see *C. & D.*, July 29, p. 98), also agreed to send a letter of protest to the Minister of Health registering "disgust" at the recent additional cuts "in the already meagre oncost allocated to us by the Minister of Health." The letter would point out that the present cut of 2 per cent, and the impending additional cut of $\frac{1}{2}$ per cent. would reduce oncost by 25 per cent. of the total i.e. from 14 to $10\frac{1}{2}$ per cent. "all within the course of twelve months." That position the group was "unable to accept."

A Fighting Fund

At the meeting the group launched a fighting fund. It is seeking the support of other chemist contractors. About thirty pharmacists attended. Mr. Blum said that he had had an overwhelming response from all parts of the British Isles, and hoped the meeting that afternoon would be the beginning of a new and better era for all pharmacists throughout the United Kingdom.

The following officers were appointed:—*Chairman*, S. Blum; *Vice-chairman*, W. H. Jones; *Assistant Vice-chairman*, Bryan Croft; *Secretary*, I. H. Williams; *Assistant secretary*, F. Simpson; *Assistant Treasurer*, A. D. Vaughan. It was agreed to approach another member to become *Treasurer*. Mr. Blum said that the next most important object was to increase the membership, and he asked that each chemist present should spend ten minutes of each day telephoning colleagues and raising their enthusiasm. Mr. Blum said that the cuts in remuneration led him to ask what kind of representation there had been to accept the cuts. A completely new agreement, based on 1967 levels, was needed. MR. C. R. THEWLIS, Middlesbrough, said the cut was justified in terms of the current agreement but he felt chemists should have a substantial dispensing fee based upon a substantial notional salary. MR. G. M. FOX, Harrow, contended that, if chemists were going to "argue with the Ministry" they would have to produce facts. The National Pharmaceutical Union should be roused to seek a new inquiry. The group could either develop an organisation to compete with the N.P.U. or it could pressure the N.P.U. into obtaining further facts to support new claims. Unless such information were obtained the chemists were "not going to get anything." MRS. E. LUCAS-SMITH, Slough, also believed the notional salary was entirely inadequate, and that a new inquiry into chemists' costs was necessary. She reminded members that the $\frac{1}{2}$ per cent. cut must be paid for by the pharmacists who had only just opened their premises. Having

only recently opened a branch she was considering what to do when she received her reduced cheque. She thought she might return it and ask for payment in full. MR. CROFT maintained that the present concept of a notional salary was wrong. MR. A. J. GRIGG, Sandiacre, Nottingham, considered that the Ministry were paying chemists $5\frac{1}{2}$ d. per prescription "on the negotiations that were held in 1962." It was obvious that new negotiations were necessary to ensure a new and better basis of settlement. MR. J. PARK, Harpenden, believed it should be ascertained and made known how many prescriptions a pharmacist could reasonably undertake to dispense within one hour. And who, he asked, would nowadays accept a week of forty-nine hours? The contractor's committee should be given substantial backing. It was unwise to break up the present procedure. MR. T. H. MILLNS, Derby, wanted a new agreement between the Executive Council and "the man who was going to do the work." MR. I. H. WILLIAMS urged "pressurising within the Pharmaceutical Committees but pointed out that, if chemists wanted to create real pressure they would have to be prepared to resign their contract. MR. R. A. PALGRAVE, Much Wenlock, Shropshire, wondered if the present methods of oncost payment should be continued. It might be better to have no oncost but a substantial increase in the dispensing fee. Another member then asked what sum was going to cover the loss of stocks. He reckoned that 10 per cent. was needed to cover obsolescent stocks each year. MR. A. D.

VAUGHAN suggested that, if militant action were proposed, it should be arranged in small areas. Another member doubted whether that could be effective. The negotiators were "established" men who had the free time but not the urgency or the drive; he did not believe they were dependent on pharmacy for their livelihood. Another member of the group wanted to exert pressure on the N.P.U. to ensure that appointments to the contractors committee were given only to pharmacists, two thirds of whose income was based on N.H.S. MRS. LUCAS-SMITH wanted the group to meet the negotiating committee face to face and to ask why they had accepted the new terms. It was essential that the Committee's reasons should be known. MR. BLUM then suggested that members of the group should circularise all chemist contractors calling for the resignation of the present Central N.H.S. (Chemist Contractors) Committee. MR. M. H. BRODER, London, wanted an attempt made "to put an active member on the Contractor's Committee." MR. R. C. B. JONES, Theydon Bois, thought the group should find out what could be done and where its strength was concentrated.

It was agreed that the injustice to new contractors was a point on which the group should try and get something done. Success in that would create confidence and prestige for the group.

MR. J. PARK, Harpenden, wanted it to be known that he disagreed with the decision to send the letters though he made it clear that he shared the resentment at the cuts.

“SOFT” DRUGS

Debate in the House of Commons

DURING an adjournment debate on July 28 MR. H. P. G. CHANNON discussed "soft" drugs. A heavy responsibility, he said, rested upon the manufacturers of amphetamines and barbiturates to ensure good safety precautions in their factories, adding that he had been "generally impressed by them." He saw no cause for a change in the law concerning hallucinogens, but enforcement would be difficult. "Everyone in this field agrees that cannabis is a mild intoxicant and non-addictive," he said. It was possible to create an emotional dependence on cannabis but there was no physical dependence. What evidence was there that cannabis led to the taking of heroin? More research into the subject was essential. Had the Government considered that cannabis had to be on the same list under the Dangerous Drugs Act, 1965, as the more dangerous heroin and the "hard" drugs?

MR. W. F. DEEDES held the misuse of amphetamines among the young to be a serious, not a diminishing problem. "How else can it be when we know that last year in London 665,000 amphetamine tablets were stolen, 880 prescription forms were forged

and 500 blank prescription forms were stolen? He was glad the Home Office and the British Medical Association were inquiring into the subject and hoped they would examine the social and medical reasons "for the staggering use of barbiturates and amphetamines." During the previous six months about 6 million prescriptions had been issued for barbiturates and three million for amphetamines. The cannabis problem was more complex "than some of the more facile advocates suggest." Seven million Egyptians were addicted to hashish and the Egyptian Government was "at its wits end" to know what to do about it. Did anyone believe that, if the black market in cannabis was ended by legalising the drug a market in the resin would not begin? The Government would be totally irresponsible to release the drug from control at the present stage.

MISS ALICE BACON (Minister of State, Home Office) said the Government recognised that there was controversy about the dangers of cannabis. United Kingdom law, in accordance with the International Convention placed the drug under the same restrictions as heroin. The World Health Or-

COUNT ANY 10 HOUSEWIVES

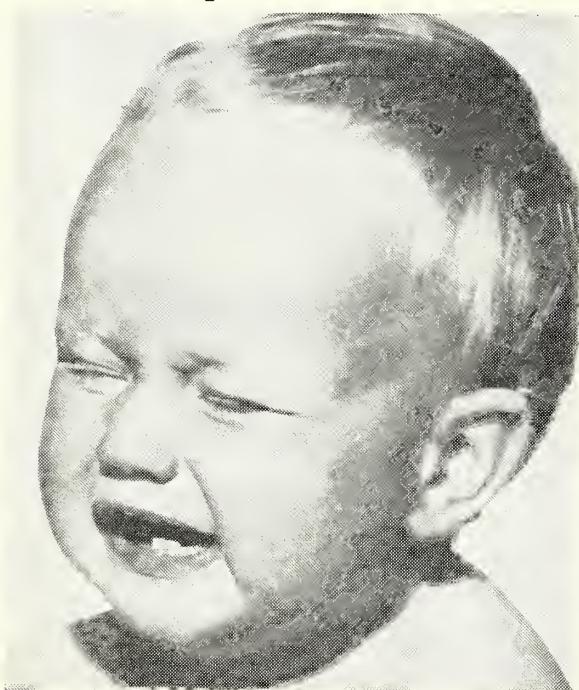
**7 of them will be
Lucozade buyers**

**5 of these will be
making repeat purchases
over the next six months**

Make sure that seven out of ten of your customers buy high profit Lucozade from you by allocating extra space to Lucozade. Remember Lucozade sells all the year round and that it will receive heavy T.V. support on all networks.



He doesn't know what the pain's about



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New Panets baby elixir
 the safe pain reliever
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Panets baby elixir
 the safe pain reliever for young children

Contains no aspirin. A product of the Optrex group.



Sparklets Mystery Visitor says pick a card and win a prize

All over the U.K. Mystery Visitors will be making random calls on Sparklets stockists ready to hand out hundreds of valuable prizes. When a retailer receives a visit from the Mystery Visitor all he needs to win is to have a window or point of sale display based around four or more Sparklets Syphons (out of their boxes.)

The Mystery Visitor will invite you to pick a card from his pack—on the other side of the card is a range of exciting prizes for you to choose from, and remember if you pick a card *you must win*. All along you'll be displaying one of the best selling lines in this market, and you can make this even more effective with the Sparklets new range of display material. Qualifying dates—between June 5th and September 30th. Get your displays up now and be ready for the Mystery Visitor.

***Sparklets syphons**

The British Oxygen Co. Ltd., London, W.6.

ganisation, the Permanent Central Narcotics Board and the United Nations Narcotics Commission all considered the drug harmful to society and that international control should be maintained. The drug could not be freed in Britain without international consequences. Of heroin addicts known to the Home Office 97 per cent. had a previous history of cannabis taking.

MR. T. DIBERG: And of alcohol. MISS BACON believed there was a danger "of some people misleading young people by not only taking drugs themselves, but trying to influence the minds of young people and trying to encourage them to take drugs. In-

sidiously or openly, wittingly or unwittingly, the young are being taught the paraphernalia of psychedelic experience, and the catch phrases of drug cults. This seems to be the real challenge of "soft" drugs, and it is growing. The Government believe that it is time for responsible influences to check this trend. It is time to make clear that teenage drug-taking is ill-advised if not dangerous to personality and health. It is time to rebut the claim of those who profess to make mystics out of the immature. This is a challenge which all sections of society must take up. The Government are resolved to do their part."

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

ASKED by MR. W. J. MOLLOY about the arrangements whereby the Government was given notifications of higher prices, MR. FREDERICK LEE (Chancellor of the Duchy of Lancaster), in a written answer on July 27, said that not all the discussions were complete. Arrangements were, however, in force for the appropriate Government department to be given early warning of proposed price increases by some manufacturers of goods and suppliers of services. Included in the list were soft drinks, chocolate and sugar confectionery, animal feeding stuffs, polyethylene, polyvinyl chloride, household soaps and detergents, nitrogenous fertilisers, glass jars and bottles. In addition, arrangements had been made to keep under review the trend of manufacturers' prices of a number of items including "general chemicals."

Importation of Contraceptives

MR. L. CARTER-JONES asked the President of the Board of Trade if he would take the necessary steps to prevent the import of contraceptives that did not meet the appropriate standard of quality laid down by British Standards Specification No. 3704. MR. GEORGE DARLING (Minister of State) in a written answer on July 26 said he had no evidence that such goods were imported. In any case the Board of Trade used their powers to control imports only for economic or commercial purposes in the broad national interest.

Drug Addicts' Treatment

MISS ALICE BACON assured MRS. RENEE SHORT that the new regulations on prescribing of Dangerous Drugs would not be brought into operation until the Minister of Health was satisfied that adequate hospital facilities were available for the treatment of addicts.

Drug Costs

MRS. L. JEGER asked the Minister of Health his estimate of the increased cost of drugs to the National Health Service caused by the growing volume of advertising of pharmaceutical products to doctors, especially through the medium of unsolicited regular medical journals sent free of charge to doctors. MR. KENNETH ROBINSON (Minister of Health) said "Sales promotion practices are one of the matters which are within the terms of refer-

ence of the Sainsbury Committee, whose report I expect shortly; but I have no evidence that the pharmaceutical industry is devoting an increased proportion of its revenue to sales promotion, nor has there been any general increase in the price of drugs."

Coronary Artery Disease

MR. G. J. OAKES asked the Secretary of State for Education and Science if he would institute research into the relationship between heart disease and saturated animal fats in diet. He also wanted to know what research was being conducted into the prevention of heart diseases by the use of unsaturated vegetable fats. MR. C. A. CROSSLAND (Secretary of State) in a written answer on July 18 pointed out that a considerable amount of research had been and was being undertaken on the possible relationship between coronary artery disease and diets rich in saturated animal fats. The studies included investigations of the effects on sufferers of diets rich in unsaturated fatty acids.

LEGAL REPORTS

Plea Changed

ON three charges of selling poisons at their discount supermarket in Bridge Street, Peterborough, and three charges of selling poison in a container not labelled in accordance with the regulations; Brierley's Provincial Stores, Ltd., were at Peterborough magistrates' court fined a total of £30 and ordered to pay £66 costs. It was alleged by the prosecution that a Pharmaceutical Society inspector had bought in the store a packet of travel sickness tablets, a corn removing preparation and some toothpaste containing an ingredient for treating a gum infection; all of which should have been sold only by a pharmacist. Pleas of not guilty entered on behalf of the company were later changed to guilty and defending solicitor told the court that the items had been put out for sale by mistake, explaining that they were among stock taken over from two chemists' shops which had ceased trading.

Prison for Drug Thefts

TWO men were acquitted at Hertfordshire Assizes on July 21 of the manslaughter of a girl aged 18, but were sentenced to imprisonment for breaking and entering a chemists' shop at

Letchworth and stealing drugs. They were Anthony William John Stevenson formerly of Clare Crescent, Baldock, and Terrence Brown of Denby, Letchworth. Mr. Justice Glyn-Jones had directed the jury to return verdicts of not guilty of the charges against the two men of unlawfully killing Bridget Margaret Mynott on February 20 and of unlawfully and maliciously administering a poison so as to endanger life on February 19. The court was told that Bridget Mynott and her friend, Anne Walsh, both of Baldock, had met Stevenson and Brown when they were trying to sell the stolen tablets. The girls accepted a lift from the men and helped themselves to Parstelin tablets. The judge stated that the two men regarded the girls as being perfectly familiar with drugs and accustomed to taking them. It was therefore his duty to direct the jury to return verdicts of not guilty on those counts. Mr. Justice Glyn-Jones sentenced Brown to five years' imprisonment and Stevenson to six years' imprisonment on the breaking and entering charges. Stevenson was also sentenced to another year for fraudulent conversion of £40 and another six months to run concurrently for driving while disqualified.

COMPANY NEWS

Previous year's figures in parentheses

SANGERS, LTD. — Sales in the four months ended June 30 were 6 per cent. more than a year ago.

MUREX, LTD.—Group sales in year ended April 30, £11·62m. (£11·69m); profit before tax £783,000 (£1,159,000).

R. SUMNER & CO., LTD. — Mr. B. G. Cross, B.Sc., M.P.S., has been appointed managing director.

MAY ROBERTS (IRELAND) LTD. — Dividend 15 per cent. (13·3 per cent. equivalent). Profit for year to January 31, £27,764 (£32,644) after tax £26,477 £27,726.

ARNOLD M. GEE LTD. — Final dividend 5 per cent. making 10 per cent. for year ended March 31 (against 20 per cent.). Group trading profit fell to £42,000 (£53,000).

FARBENFABRIKEN BAYER, A.G. — Group turnover in first half of year rose 4·6 per cent. to DM 3,083 m. but net profit fell DM 4 m. to DM 132 m. Export ration improved to 54 per cent. (50·8 per cent.).

THE registered office of T. R. Gover, Ltd., and that of T. R. Gover (Brighton), Ltd., are now at 37 Montpelier Road, Brighton. The registered office of T. & J. Gover, Ltd., will remain at 10 Walton Street, Walton-on-the-Hill, Tadworth, Surrey.

WILLIAM BLYTHE & CO. LTD. — First-half 1967 profits have been maintained at the same level as for the corresponding period of 1966 and the directors consider profits for the year will be similar to those for 1966. The interim dividend is unchanged at 5 per cent.

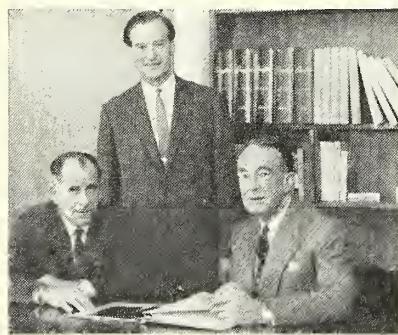
PHILIP HARRIS (HOLDINGS) LTD. — Final dividend 1s. 6d. making 2s. 6d. (same) per £1 share for year to March 31. Group net profit £55,458

(£52,171) after tax, £31,597 (£28,205). Surplus on sale of leasehold premises £72,729 (nil). Turnover again showed a substantial increase with exports up £44,000 to £388,000.

UNIGATE, LTD. — A final dividend of 9 per cent. for the year ended March 31, is recommended. Total is unchanged at 14 per cent. Group trading profit was £13·5m. (£12·5m.) and after heavier depreciation and interest the pre-tax balance rose from £7,782,103 to £8,304,185. Tax takes £3,035,242 (£2,220,197); net profit is £5·3m. (£5·6m.).

BORDER CHEMICALS, LTD. — Imperial Chemical Industries, Ltd., has given agreement to the transfer to British Petroleum Co., Ltd., of the one-third share in Border Chemicals, Ltd., formerly owned by the Distillers Co., Ltd. This forms part of the deal, announced in January, whereby B.P. would acquire Distillers' chemicals and plastics interests. I.C.I. retains its one-third share in Border Chemicals, Ltd., as previously.

UPJOHN, LTD. — Lord Shawcross succeeds Mr. Alistair A. Smith as chairman. Mr. Smith is continuing as a member of the boards of Upjohn International and Upjohn, Ltd., and is leaving for Kalamazoo, Michigan, headquarters of the company's operations. The following new appointments to the board of Upjohn, Ltd., are also announced: J. Emerson, F.C.C.S. (finance), R. G. Jacomb, L.R.C.P., L.R.C.S.Ed. (medical); R. Page (animal health); D. O. Singleton, B.Sc., F.R.I.C. (control); M. O. F. Tapper, F.P.S. (production) and B. O. Wright (sales). The board now consists of ten British and two North-American directors.



Lord Shawcross (right) with Mr. A. A. Smith and (standing) Mr. J. A. Smith, M.P.S. (managing director).

BUSINESS CHANGES

R. WESTON (CHEMISTS), LTD., are acquiring seventeen pharmacies on the South Coast as from September 1. They are: HYTHE—Ferry Pharmacy, High Street, 8 The Marsh, and 2 Merrie Mead, Dibden Purlieu; SOUTHAMPTON—48 Thornhill Park Road, Thornhill, 456 Bitterne Road, Bitterne, and 77 High Street, West End; PORTCHESTER—44 West Street, 50 White Hart Lane, and 238 White Hart Lane; PORTSMOUTH—Paulsgrove, 3 Saunders House, Leith Avenue, and 61 London Road, Cowplain; HORNEDEAN—16 Portsmouth Road; FAREHAM—3 The Green, Stubbington and 101 Highlands Road;

BISHOP'S WALTHAM—The Pharmacy, High Street; LEE-ON-SOLENT—115 High Street and 152 High Street. The last mentioned will trade as G. G. Rule, the remainder as R. Weston (Chemists), Ltd.

Appointments

QUICKFIT & QUARTZ, LTD., Stone, Staffs, have appointed Mr. Thomas Turnbull technical services manager.

CLAIROL, LTD., 66 Baker Street, London, W.1, have appointed Mr. D. Wyeth as sales representative for the South-east London area.

P. B. COW (LI-LO), LTD., Liverpool Road, Trading Estate, Slough, Bucks, have appointed Mr. R. S. Burnley area representative for Lancashire, the North-west and North Wales.

BUSH BOAKE ALLEN, LTD., announce the following appointments: Mr. T. Powell, F.P.S., general sales manager responsible for both United Kingdom and export sales activities for all flavour and pharmaceutical products; Mr. R. G. Sanderson, to head a team of four sales managers including Mr. A. J. Iveson with responsibility for pharmaceutical and fine chemical trades; Mr. C. Nichol, export controller of the flavour division.

PERSONALITIES

MR. H. J. FREETH, representative of E. C. De Witt & Co., Ltd., in the Yorkshire area for the past twelve years has retired owing to ill health.

MR. GRAHAM KEDDIE, younger son of Mr. Peter Keddie (chairman and managing director, John Wyeth & Brother, Ltd.), has gained a First Class Honours Degree in Modern Greats at Queen's College, Oxford.

PROFESSOR A. H. BECKETT has accepted an invitation from the International Olympic Committee to be a member of their newly instituted medical commission, which will advise on all medical and technical matters in connection with Olympic sports and the Olympic movement.

REV. R. CLELAND, at present curate of St. Paul's Church, Portman Square, London, and once a Northern Ireland pharmacist, is being inducted as vicar of All Saints' Church, Ilkley, West Riding of Yorkshire, on November 1. A native of county Down, Mr. Cleland studied pharmacy at the Belfast College of Technology and, after qualifying, opened his own business in Belfast in 1950. Eight years later he entered St. Aidan's College, Birkenhead, Cheshire, to train for the ministry, and was ordained in 1960.

DR. A. BOWERS, recently appointed executive vice-president of Syntex Laboratories, Inc. (the U.S. subsidiary of Syntex International), graduated from London University with a B.Sc. degree in chemistry. Later he gained a Ph.D. degree in organic chemistry from the University of Manchester and pursued studies under a Fulbright Fellowship at Wayne State University, Detroit, U.S.A. In 1964, Dr. Bowers became the first non-national to be awarded the Science Prize by the Mexican Academy of Scientific Investigation.

Joining Syntex International in 1956, he has published more than 90 scientific papers on steroid research and has originated more than 120 U.S. patents.

DEATHS

ASHWORTH.—Recently, Mr. Tom Ashworth, M.P.S., 179 Bedford Street, Liverpool, 7. Mr. Ashworth qualified in 1907.

BOLIN.—On July 9, Miss Erna Mathilda Elizabeth Bolin, M.P.S., Foxcombe Flat, South Harting, nr. Petersfield, Hants. Miss Bolin qualified in 1918.

BURKE.—Recently, Miss Eileen Mary Burke, M.P.S.I., Carn Derg, Drogheda, co. Louth, Eire. A native of Drogheda, Miss Burke qualified in 1935 and opened her own pharmacy about fifteen years ago. An active member of Louth Pharmacists' Association, she had held a number of different offices in the organisation and was also a prominent member of the local archaeological society. Miss Burke became unwell while driving her car. She was taken to Our Lady of Lourdes' hospital, Drogheda, by a passing motorist and died shortly after admission.

CARR.—On May 25, Miss Marjorie Carr, M.P.S., 124 Main Street, Rawmarsh, nr. Rotherham, Yorkshire. Miss Carr qualified in 1957.

FRASER.—On July 11, Mr. John Fraser, M.P.S., 106, Queen's Road, London, S.E.15. Mr. Fraser qualified in 1934.

HEDLEY.—On May 24, Mr. Lancelot Martin Hedley, M.P.S., 25 Heath Grove, Harrogate, Yorkshire. Mr. Hedley qualified in 1922. He became treasurer of Harrogate branch of the Pharmaceutical Society in 1950.

HUGHES.—Recently Mr. David Gay Hughes, M.P.S., Seafield Street, Elgin, Morays, aged seventy-nine. Mr. Hughes, who qualified in 1909, had been in business in Elgin since 1927. He served for a number of years on the Banff, Moray and Nairn Executive Council.

LEEDAM.—Recently, while on holiday in Ireland, Mr. Derek Bentley Leedam, M.P.S., 179 Reedley Road, Brierfield, Lancs, aged thirty-five. Mr. Leedam died while attempting to rescue a boy from the sea at Goleen, co. Cork. He worked with his father and brother in the family business, C. H. Leedam & Sons, 194 Chapelhouse Road, Nelson, Lancs.

TULK.—On June 27, Mr. Ronald Harry Tulk, M.P.S., 190 Devonshire Hill Lane, London, N.17. Mr. Tulk qualified in 1925.

SWAIN. Recently, Mr. John Arthur Swain, M.P.S., 164 Lancaster Road, Morecambe, Lancs. Mr. Swain qualified in 1923.

WAIT.—On July 8, Mr. Alexander Wait, M.P.S., 109 Danes Drive, Scotstoun, Glasgow, W.4, Lanarkshire. Mr. Wait qualified in 1907.

WEBB.—Recently, Mr. William George Webb, M.P.S., Bellerive Pharmacy, 26 Cambridge Street, Bellerive, nr. Hobart, Tasmania. Mr. Webb qualified in 1936.

A CENTENARY PROJECT COMES TO FRUITION

H. & T. Kirby & Co., Ltd., open new factory in East Anglia

NOW 101 years old, H. & T. Kirby & Co., Ltd., recently showed their confidence in the future by moving from their Willesden, London, factory to a tailor-made building on a new industrial site at Mildenhall, Suffolk.

Over the past few years the company's growth rate had caused over-crowding at their former headquarters, their home since 1914. In order to maintain that rate of growth an expansion of their premises was imperative, but building restrictions in the London area were imposing considerable delay and during the centenary year the important decision was taken to move out of London.

To test local conditions at Mildenhall Suffolk, the company first took a small unit factory and ran it as a pilot plant. Trials proved satisfactory—and the unit, which they still own, was used as a storage depot and base during the move. The main building occupies 45,000 sq. ft. on a four-acre site. Future expansion will be possible without interfering with current production, and the layout and design of the factory have been worked out to accommodate the estimated growth over the next twenty years.

Raw materials arriving at the factory are stored on expandable pallet racks, allowing easy access and maximum room for expansion. They move on as required to the manufacturing, packaging and dispatch areas, which are in the form of a letter U. In the manufacturing area are an automatic tablet and bottling line, fluid-bed driers, a quality-control laboratory and a sterile products area for filling antibiotics, sterile eye drops, etc. Modern litho and letterpress printing equipment are available for the production of labels, show material, cartons, literature and "fly sheets" which are required in many languages because the com-



Main factory building at Mildenhall, now in full production.

pany exports over 55 per cent. of its total production.

A reminder of the importance that exports have played in the company's history was given by MAJOR-GENERAL S. W. KIRBY (chairman of the company), at a ceremony on July 28 to mark the formal opening of the premises. One of the first contracts to be obtained by the founder of the business, Edward Adolphus Kirby, involved, he said, supplying first-aid boxes for Indian workers building the Delhi-Bombay railway during the 1860's. The company's name was perhaps better known abroad than at home, because in the home market many of the products were supplied under the chemist's own name.

Opening ceremony—the unveiling of a plaque—was performed by MR. ELDON GRIFFITHS, M.P., who said that, in recent years, the drift of population away from rural areas, particu-

larly East Anglia, had become a social problem. Agriculture and country service activities had not been sufficient to dissuade considerable numbers from seeking higher wages in the big cities. It was therefore encouraging to see a well established and export-minded company reversing that trend. Congratulating the company on its export achievements Mr. Griffiths said that they were not only competing for trade in world markets against such large exporting countries as Japan, Germany and the United States, but they now had to face competition from emergent nations where labour costs were much lower than in industrialised countries.

New staff has been recruited locally, but many of the company's experienced employees, some of whom have been with the company for up to fifty years, decided to move to Mildenhall. In all about fifty families were involved.

NORTHERN IRELAND HEALTH COSTS

Trend to fewer contractors continues in 1966/67

THE number of chemists providing pharmaceutical services fell for the fifth successive year during the twelve months covered by the annual report for 1966-67 of the Northern Ireland General Health Services Board. Chemists under contract with the Board at the end of the year numbered 614 (a drop of four) and shops 663 (a decrease of eight). One pharmacy was opened during the year in a village previously without a chemist, but the number of shops is expected to decrease as smaller and uneconomical units close down. Prescription forms dispensed fell by 102,005, a decline accelerated, during the first three months of the year by absence of an influenza epidemic. Prescriptions per form rose but the average cost per form, which had risen to 8s. 10½d. in July, fell during the second half of the year—a decline attributed largely to less expensive antibiotics. Container allowance increased from 1·4d. to 1·9d. per prescription at August, 1966. Payments to chemists during the year (covering the period February 1, 1966, to January 31, 1967) came to £6,125,406 for 10,073,074 prescriptions (up 7·5 per cent.) on 6,518,946 forms (up 4·22 per cent.). £8,950 was paid for rota services in Belfast and other large towns.



After the formal opening ceremony Mr. Eldon Griffiths, M.P. (left) examines a tablet-compressing machine. His escort is Mr. Neville Kirby (managing director).

A reduction of one (to fifty-two) took place in the number of doctors' practices required to dispense for patients, but the number of dispensing doctors remained unchanged at fifty. A fall of 984 (to 66,985) occurred in the number of patients for whom they dispensed. During the year five drugs were added to the special list of drugs for which dispensing doctors are entitled to payment in addition to the capitation fee. On July 1, 1966, data processing for calculation and payment of chemists' accounts were transferred to the Ministry of Finance's computer—a change that is expected to enable future increases in the number of prescriptions dispensed to be much more easily dealt with.

Ninety-five of 102 tests of drugs and appliances carried out during the year were satisfactory. To cases in which there was a slight discrepancy resulted in a warning for the chemists. Three were referred to the Services Committee. In two cases chemists, by their actions after the prescriptions had been dispensed, invalidated the test. All premises except one that was visited by the Board's pharmaceutical officer were found satisfactory. The report (price 3s.) is available from the Board at 27 Adelaide Street, Belfast, 2.

TRADE NOTES

Now Tax-free.—Parke Davis & Co., Staines Road, Hounslow, Middlesex, announce that Dermatec comfort pads are now exempt from purchase tax.

Now Tax-free.—Ortho Pharmaceutical, Ltd., Saunderton, Bucks, state that the following products have become exempt from purchase tax:—Ortho dioenoestrol cream; Droperidol tablets and Triperidol tablets.

A 50-gm. Pack.—Schering Chemicals, Ltd., Victoria Way, Burgess Hill, Sussex, have introduced a 50-gm. pack of Ultralanum and Ultralanum plain. The majority of wholesalers in the United Kingdom are understood to hold stocks of the new presentation.

Forces Combine.—Potter & Clarke, Ltd., Barking, Essex, state that for the first time for many years pharmacists are now able to meet a Potter & Clarke representative. The combined De Witt and Potter & Clarke sales team commenced to operate on August 1.

Spray Deal.—A package deal of perfume sprays available from Jackel & Co., Ltd., Kitty Brewster Estate, Blyth, Northumberland, includes a range comprehensive in design and at prices lower than combined cost price for each. The sprays cannot, however, be purchased as single numbers.



BOTTLE-STERILISING UNIT FOR HOME USE: The Milton sterilising unit (feeding bottle, teat and medium-sized bottle of Milton), recently introduced by Milton division of Vick International, Ltd., 10 New Burlington Street, London, W.1.

Product Replaced.—Reckitt & Sons, Ltd., Hull, have withdrawn Dettol obstetric cream and replaced it by Dettol antiseptic cream. The new cream is equally suitable for use in obstetrics and also for general hand disinfection. Packs are 4-oz. plastic squeeze bottles and 1-lb. and 10-lb. dispensing packs.

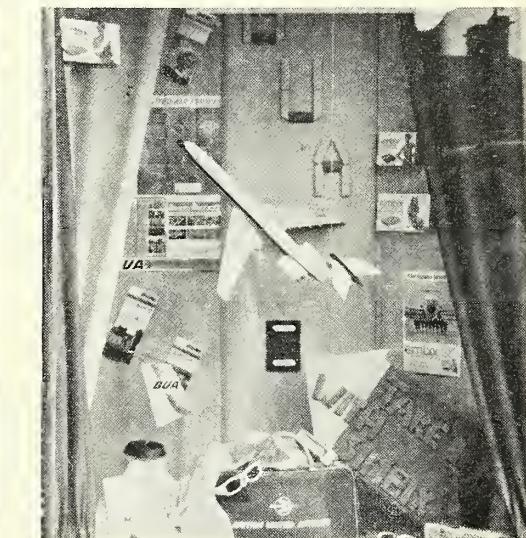
Thermometers from Japan.—Sole distributors in the United Kingdom for the thermometers of Jintan Terumo Co., Ltd., Tokyo, Japan, are British Chemotheutic Products, Ltd., Kemtheutic House, Grant Street, Bradford 3, Yorks.

Competitions

Display Wins Refit.—The premises of Mr. W. McConnell, M.P.S.N.I., 390 Upper Newtownards Road, Belfast, 4, are to be refitted to the value of £1,000 by William Mason & Son, Ltd., 25 Wellington Street, Leeds. Mr. McCon-



nell won first prize in a display and merchandising competition for chemists organised by Beecham Products (U.K.), Great West Road, Brentford, Middlesex. Second prize of Nordia shopfittings worth £500 was won by Mr.



PRIZE-WINNING DISPLAYS: First prize in the Simbix window-display competition organised by Britanol, Ltd., Kersal Vale, Manchester, 7 (see C. & D., April 29, p. 399) went to Ralph Cuthbert, Ltd., Huddersfield, Yorks, for the display shown at left, above; and second to Miss B. Tunstall (N. Brook & Son, Mirfield, Yorks), for the display at right, above. Prizes are a holiday for two in the Canaries. Twenty other chemists gained a long weekend for two in Paris.

D. C. C. Wallace, M.P.S., 126 Hilltown, Dundee.

Bonus Offers

EAREX, LTD., 23 Tulketh Street, Southport, Lancs, two swim plugs with every 1 doz. Earex drops, Earex swim plugs and/or anti-noise plugs assorted ordered through wholesalers. Until August 18 [Corrected note].

PROGRESS SHAVING BRUSH (Vulfix), LTD., Peel Road, Douglas, Isle of Man. Two PCS VSI brushes free with No. 18 parcel [Corrected note].

Premium Offers

BEECHAM TOILETRY DIVISION, Beecham House, Great West Road, Brentford, Middlesex. Vosene medicated shampoo. Threepence off standard-size bottle.

Trade Shows

JEAN SORELLE, LTD., 76 Great Portland Street, London, W.1, HENDON, Brent Bridge hotel, August 7-11. NEWCASTLE UPON TYNE, Five Bridges hotel, August 7-11.

SCOTT & BOWNE, LTD., 50 Upper Brook Street, London, W.1, HENDON, Brent Bridge hotel, August 7.

J. C. & J. FIELD, LTD., 225 Bath Road, Slough, Bucks. GATESHEAD, Five Bridges hotel, August 7-11. HENDON, Brent Bridge hotel, August 7-11.

MORNY, LTD., 201 Regent Street, London, W.1, HENDON, Brent Bridge hotel, August 7-10. NEWCASTLE, Royal Turks Head hotel, August 7-10.

GOYA, LTD., 161 New Bond Street, London, W.1, HENDON, Brent Bridge hotel, August 7-11. GATESHEAD, Five Bridges hotel, August 7-11.

SHULTON (GREAT BRITAIN), LTD., 100 Brompton Road, London, S.W.3. HENDON, Brent Bridge hotel, August 7-11.

Discontinued

ELI LILLY & CO., LTD., Basingstoke, Hants. V-Cil-K tablets 60-mgm. pack of 100 when stocks exhausted (125 mgm. and 250 mgm. presentations continue to be available).

ABBOTT LABORATORIES, LTD., Queenborough, Kent. Erythrocin topical ointment $\frac{1}{2}$ -oz. tube No. 6339 (other Erythrocin products still available).

BENGUE & CO., LTD., Plus-Prin, pack of twenty.

the 'Wellcome' range of insulins—Soluble, Lente, Protamine Zinc, Globin, Isophane—and now **'Nuso'**neutral insulin

trade mark

All are products of constant strength and the highest possible standards of purity—standards essential for the control of diabetes.



BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
LONDON

When you order, specify

'Wellcome'insulins

What are Southalls doing with watches, jewels and furs?

offering them to you and your customers at sensational savings.

To you

**These extra profits
from August 14th to October 6th inclusive.**

Celtex 12's extra profit 4/- per case (4 doz.)
 Celtex 18's extra profit 4/- per case (2 doz.)
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AND MORE! These wonderful watches, jewels and furs are available to you at 10% less than the special prices offered to your customers !

Your Southalls representative will give you dispensers with leaflets containing full information about these exclusive, exciting offers. Display these dispensers prominently, and remind your customers to take a leaflet with each packet of Celtex or Luxury Soft, or with each Slimline Belt.



Get in touch with your Representative today.

SOUTHALLS (SALES) LTD., BESSEMER RD., WELWYN GARDEN CITY, HERTS.

August 5, 1967

Cumulative price changes

**AMENDING C & D
QUARTERLY PRICE LIST
FOR JUNE 1967**

4711 (1113 5 & B)	bath cubes	911S	34 3	9 5	5 1	D	Ayrton (78 AS & Co)	antiseptic cream	10 0	2 9	1 7	Censedal (971 PSMB) $\frac{1}{2}$ tsls4A	tablets	60mgm 2S 26 0	500 27 8ea	—	3 3
hand cream	9122	38 10	10 8	5 5	1 9		Barmene (422 EG) existing entry		14 0	3 10	2 7	tablets	60mgm 2S 26 0	500 27 8ea	—	41 6	
talcum perfumed	9121	50 8	13 11	7 6		D	Barmene (793 MFL)	pure yeast extract	1 $\frac{1}{2}$ oz	13 6	—	—	200mgm 2S 60 0	—	7 6		
hand cream	9106	—	—	—	—			3 $\frac{1}{2}$ oz	22 6	—	—	—	—	—	—		
Acthar (61 APC) $\frac{1}{2}$ tsl	gel 20iu/ml 2 mils	16 0ea	—	—	—			7oz	36 0	—	—	—	—	—	—		
40iu/ml 2 mils	11 6ea	—	—	—	—			16oz	67 6	—	—	—	—	—	—		
40iu/ml 5 mils	26 6ea	—	—	—	—			7lb	21 0ea	—	—	28 0	—	—	—		
Adcortyl-E (1176 Squibb)	cream 15gm	—	—	—	—			low sodium	3 $\frac{1}{2}$ oz	24 9	—	—	—	—	—		
ointment 50gm	—	—	—	—	—			7oz	39 0	—	—	4 4	—	—	—		
Adcortyl-EG (1176 Squibb)	cream 15gm	—	—	—	—			7lb	22 9ea	—	—	29 9	—	—	—		
ointment 15gm	—	—	—	—	—			—	—	—	—	—	—	—	—		
Agfa (16 AGL)	binoculars 8x30	—	—	—	406 0			Beaux' Stratagem (S12 GF)	men's Cologne	102 0	27 0	17 6	Chemico (302 Chemico)	household cleaner	medium	22 6	—
case 10x40	—	—	—	—	66 7					—	—	—		large	37 6	—	
case	—	—	—	—	544 0			Bisk-o-Lem (1530 Fisons)	tablets	250 54	6ea	14 4ea		No. 6 tin	86 0	—	
filters, slip on	—	—	—	—	74 0					—	—	—		28 lb. keg	23 0ea	—	
mount 30-32mm	—	—	—	32 9	—				—	—	—	—		—	—	30 8	
35.5mm	—	—	—	36 3	—				—	—	—	—		—	—		
46mm	—	—	—	45 11	—				—	—	—	—		—	—		
lens hoods 30mm	—	—	—	11 10	—				—	—	—	—		—	—		
32mm	—	—	—	13 10	—				—	—	—	—		—	—		
Aireys (203 Brynn)	soothing syrup	20 0	4 11	2 10	—				—	—	—	—		—	—		
Akaba (981 Picot)	perfume $\frac{1}{2}$ oz	92 6	25 5	13 9	—				—	—	—	—		—	—		
Albamycin (1263 Upjohn)	TS tablets 250mgm	16 34 5ea	—	—	—				—	—	—	—		—	—		
Alactadite (1121 Searle)	tablets 40 31 2ea	—	—	46 9	—				—	—	—	—		—	—		
Alay (430 Eucryl) $\frac{1}{2}$ DDI	cough treatment	2S 0	—	4 0	—	D			—	—	—	—		—	—		
Aludrox SA (1352 Wyeth)	suspension 12oz	72 0	—	8 0	—				—	—	—	—		—	—		
D Ambassador (1363 Zygmont)	—	—	—	—	—				—	—	—	—		—	—		
I Ambassador (1593 Ambassador)	—	—	—	—	—				—	—	—	—		—	—		
Ambodryl (938 PD)	elixir 4oz	—	—	—	—				—	—	—	—		—	—		
D Ambramycin (894 Nicholas) all products	Ambre Soleire (52S Golden)	—	—	—	—				—	—	—	—		—	—		
satin aerosol	86 0	23 8	—	12 8	—				—	—	—	—		—	—		
Amesec (413 Lilly) $\frac{1}{2}$ tsls4A	Pulvules 100 7 7ea	—	—	11 4	—				—	—	—	—		—	—		
	500 5 10ea	—	—	51 3	—				—	—	—	—		—	—		
	5000 332 6ea	—	—	498 9	—				—	—	—	—		—	—		
Amin-Ex (760 Liga)	low protein biscuits	23 0	—	2 6	—				—	—	—	—		—	—		
Amytal (413 Lilly) $\frac{1}{2}$ tsls4A	tablets 30mgm 100 1 11ea	—	—	2 10	—	I			—	—	—	—		—	—		
	500 8 9	—	—	74 9	—				—	—	—	—		—	—		
	5000 49 10ea	—	—	3 4	—				—	—	—	—		—	—		
	50000 100 2 3ea	—	—	11 3	—				—	—	—	—		—	—		
	100000 65 8ea	—	—	98 6	—				—	—	—	—		—	—		
	100 3 0ea	—	—	4 6	—				—	—	—	—		—	—		
	500 11 9ea	—	—	17 7	—				—	—	—	—		—	—		
	5000 110 0ea	—	—	165 0	—				—	—	—	—		—	—		
	200mgm 100 5 3ea	—	—	7 10	—	D			—	—	—	—		—	—		
	500 23 3ea	—	—	34 10	—				—	—	—	—		—	—		
Andre Philippe (48 AP)	shampoo rose, lemon, liquid, medicated	14 10 0	2 9	1 6	—	I			—	—	—	—		—	—		
D Aquatheron (835 M & J)	shampoo liquid	16 —	—	—	—				—	—	—	—		—	—		
D Aqua Velva (1113 S & B)	—	—	—	—	—				—	—	—	—		—	—		
I Aqua Velva (1524 Chembro)	—	—	—	—	—				—	—	—	—		—	—		
Arlef 100 (938 PD)	Kapsseals	50 18 0ea	—	27 0	—				—	—	—	—		—	—		
	250 86 8ea	—	—	130 0	—				—	—	—	—		—	—		
Astrem (1320 WWP) $\frac{1}{2}$ tsl	hand care 4oz	48 0	12 11	—	—				—	—	—	—		—	—		
Atrixo (1164 S5L)	hand care tin 409 120 1	32 5	—	17 9	—				—	—	—	—		—	—		
	tube 413 20 7	5 7	—	3 1	—				—	—	—	—		—	—		

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D	Gaylord Hauser (234 Cartwright)	D	Icilmal (509 Gibbs) vanishing cream	L'Air du Temps (Nina Ricci (1131 Shulton))
I	Gaylord Hauser (29 Alfonal)	D	Ikobitz (673 J of H) existing entry	crème parfumée
	brewers yeast	I	Ikobitz (673 J of H)	C.B.3. 10 9ea 2 11ea 19 6
	powder 16oz 60 0	7 6	flashguns	PBI 11 9ea 3 2ea 21 4
	dried skim milk	—	LD cord	sachet
	powder 16oz 43 4	5 5	shoe	Hal-bronze
	extra potency yeast	—	6 cord	Hal-filtre
	tablets 100 34 0	4 3	plug in	Hal-sport
	250 70 0	8 9	M shoe	Filtre Solaire
	wheat germ 12oz 42 8	5 4	cable	Sunsport
	Gevacolor (16 AGL)	I	Ikophot (673 J of H)	Largactil (971 P5MB) 1s4B
	negative film N5	—	exposure meter 5	tablets 10mgm 50 28 0
	35mm cassette 12exp	6 11	CD	500 19 8ea
D	reversal film R5 all sizes	—	Ikoscop (673 J of H)	25mgm 50 44 0
	Gevapan (16 AGL)	3 10	slide viewer	500 32 2ea
	film roll 127, 120,	—	Ilford (645 Ilford)	50mgm 500 84 0
	620	—	cameras	500 61 8ea
	35mm 36exp	7 7	Electric CR	100mgm 500 13 6ea
	Gillette (514 Gillette)	52 1	L	500 115 0ea
	travel pack	13 11½	339 5ea	—
D	Gluco-Fedin (938 PD)	7 6	5R	Laryncol (835 M & J)
	Goddess (280 CP)	—	case	throat spray metered
	hairspray standard	35 1	Elmo C-200	44 2
	large	46 3	298 7ea	—
	Goya (532 Goya)	9 7	339 5ea	Layla (1000 PPL)
	Piquant	5 0	418 4ea	Layla (1412 Jackel)
	Cologne 25cc 57 8	15 5½	case	nail enamel transparent
	gift size 62cc 86 6	23 2½	Elmo C-200	Lectric 5have (1113 5 & B)
	luxury 170cc 113 8	30 5½	Ilfomatic universal	Lederstatin (746 Lederle) T5
	spray 62cc 110 3	29 6½	50	capsules 300mgm
	stick 20gm 38 5	10 3½	case	16 26 0ez
	creme perfume	5 8	Monarch	100 155 4ea
	florette	55 11	50	500 748 8ea
	eau de toilette	14 11½	case	suspension 2oz 9 0ea
	25cc	8 3	Sportsman 300	—
	perfume miniature	72 11	28 5ea	Leichner (749 Leichner)
	gift size	17 5	314 2ea	Kamera Klear
	royal flacon	125 6	2028 0	cheek tint
	spray	855 0	—	cream powder
	229 3	126 0	—	eye liner
	120 5	32 3½	—	eye shadow
	Guerlain (548 Guerlain)	17 9	—	cream
	film spray lotion	39 6	—	face powder
	sun kit bag	19 6	D	face shaper
	Gumtex (1413 P & 5)	—	Impora (1569 5AC)	glow tone
	(distributors 1545 Vestric)	—	body oil 170gm	lipstick
	Habanita (Molinard (960 ADP))	—	Imprevu (301 Coty)	mascara block
	perfume 2704 62 6ea	16 10ea	soap (1) 282.09 36 10	tinted foundation
	presentation 2507 25 6ea	6 10ea	(3) 110 6	anti-acne face pack, cream & lotion
	2506 38 6ea	10 4ea	D	Beauty Touch compact & refill
	2505 60 6ea	16 3ea	—	blood congealed 701
	2504 95 6ea	25 7ea	D	cream eyeshadow 281
	concreta single boule	175 0	Ingram (172 BMCL)	eye cosmetic & brush 606
	9 10ea	2 8ea	Jack Tar (1335 Wigglesworth)	eyeliner 296
	Haemorex (333 Cupal)	17 9	oil & tar remover	kamera klear base 350 & 351
	Halex (80 BXL)	—	4oz 16 0	night cream patti 253
	ladies brush sets	—	D	poudri de luxe 100
	engine turned	—	Jeypine (671 Jeyses)	spirit gum substitute 1065
	3-piece	E695 292 0	disinfectant	vitamin skin food 222
	Hall's (1511 IW)	80 4	economy	Lentheric (753 Lentheric)
	wine bottle 171 6	43 3	Jintan (5 Actabs)	12 eau de toilette
	Happy Feet (1383 MFCC)	—	breath refresher	2oz —
	Danish exercise clogs	18 0	pearls 200 36 0	4oz —
	Aurora	—	(2doz) 9 11	8oz —
	brown suede 32 0ea	48 0	D	—
	white calf 33 0ea	49 11	Johnny Bunny (203 Brynn)	—
	Brigita 39 6ea	59 11	cough mixture 21 0	—
	Georgina 39 6ea	59 11	pastilles 10 0	3 6
	exercise sandals	—	D	—
	Britta ladies 42 0ea	63 0	Jussy St. James (475 FG)	—
	Gymna childs 19 10ea	29 11	perfumes	—
	adults 21 0ea	31 11	small plush	—
	raised heel 26 7ea	39 11	animal 730	42 0
	spare straps 5 6ea	8 3	box of 50 166 8	77 6
	Kitty ladies 39 0ea	58 11	petite lamp B22	122 6
	Savanto childs 14 0ea	21 0	box of 50 110 0	78 9
	adults 15 0ea	22 11	piano grand 539	52 6
	spare straps 4 7ea	6 11	box of 12 85 0	70 0
	Harriet Hubbard Ayer (852 Molyneux)	—	royal coach 339	107 6
	blue kit	48 6	box of 12 160 0	168 0
	mini-kit	28 0	violin 725	atomiser
	mascara new silk	—	27 6ea	refill
	long-lash	15 6	bellows 784	—
	refill	9 6	Juvite (698 Keswick)	50 0
	Helena Rubinstein (596 HR)	—	rejuvenating tablets 38 8	—
	Ultra Feminine	45 0	70 0	—
	beauty oil	—	Instamatic camera "154"	—
	estrogenic	—	109 11½ea	—
	hormone cream	45 0	camera 30 3ea	—
	Hibitane (649 ICI)	—	199 5	D
	antiseptic lozenges†	20 16 0	Instamatic movie camera	Lisette (1000 PPL)
	gluconate solution 20%	4 5	72 0	Lisette (1412 Jackel)
	1gall 338 0ea	2 6½	D	Livogen (179 BDH)
D	Hi-Lift (422 EG) existing entry	—	projector Carousell	D
	Hi-Lift (422 EG)	—	5-AV	Lobron (994 P & M)
	honey and yeast tablets	150 37 9	1086 8ea	D
	350 63 0	7 6	Retina camera 52 429 0ea	Lobron (832 MW)
	molasses and yeast tablets	60 16 9	118 0ea	Lorilu (1440 ILL)
	150 37 9	4 6	Kopil (667 JCL)	foundation mousse 11 4ea
	300 54 0	6 6	cameras	3 1½ea 19 11
	Hogg's (1323 Westmacott)	—	Kobena TL-3	Loving Care (265 Clairol)
	Ecte-roach 90gm 14 6	1 8	TL-4	creme after rinse
	Humagel (938 PD) T5	—	TL-6	sachet 4 6
	suspension 150mls 13 2ea	19 9	D	1 2 8
	360mls 30 0ea	45 0	camera slimline IC	Ma Griffe (1469 PC)
D	Hygroton-Reserpine (501 Geigy)	—	L'Aimant (301 Coty)	bath oil 4843 23 9ea
D	Ice Blue (1113 5 & B)	—	dusting powder	mousse douce 4811 14 3ea
I	Ice Blue (1524 Chembro)	—	de luxe	soap (3) 4851 12 0ea
			Splash Cologne	perfume 8044 —
			259-20 84 9	Ma Griffe (1469 PC)
			260-20 122 3	bath oil 4843 23 9ea
			talcum 357 39 0	mousse douce 4811 14 3ea
			10 6	soap (3) 4851 12 0ea
			5 9	perfume 8044 —
			—	Mandrax (1087 Roussel) 1s4B
			—	capsules 12 40 0
			—	100 24 0ea
			—	36 0

SUPPLEMENT TO THE CHEMIST AND DRUGGIST

August 5, 1967

Mandrax (1087 Roussel) †s4B tablets	1000	210	Oea	—	315	0	I	Morning Pride (800 TM) shave cream brushless tube 19 2	5	3½	2	10		palette 4	619	—	—	33	0				
Man-Set (1192 SGD) hair spray for men	36	0	—	9 11	5	4		jar 22 6	6	2½	3	4		lauria	933	—	—	27	6				
Marinure (1369 WSHL) seaweed concentrate spray	—	—	—	—	—	—	I	Morny (862 Morny) soap French Fern, June Roses, Pink Lilac, Gardenia, Lavender Flowers, Blue Carnation, Lily of the Valley, Wild Rose, Verbena, Sandalwood	—	—	2	3		poudre desse	914	—	—	17	6				
1pt	—	—	—	—	10	0	D	toilet (1)	—	—	3	7		vesperale	639	—	—	30	6				
2pt	—	—	—	—	18	6		bath (1)	—	—	6	3			638	—	—	—	55	6			
½gall	—	—	—	—	35	0	I	visitors disks (5)	—	—	—	—		Orthoxicol (1263 Upjohn) †DDI syrup	2oz	2	1lea	—	—				
1gall	—	—	—	—	60	0	D	old packs	—	—	16oz	20	9ea		Ospolot (452 F8A) tablets	50mgm	250	31	8ea	—	47	6	
n.p.k. fertilizer	14lb	—	—	—	17	6	I	Mother Seigels (800 TM) syrup	24	8	6	9½	3	4	Owbridge (925 Owbridge) (distributors 1545 Vestric)	original lung tonic	—	—	—	—	—		
28lb	—	—	—	—	32	6	D	old outfit S small	—	—	—	—		D	Pacquins (1113 5 & B)	—	—	—	—	—			
56lb	—	—	—	—	50	0	I	large	—	—	—	—		D	Pacquin (1552 UL) mauve label	—	—	—	—	—			
1cwt	—	—	—	—	70	0	D	outfit SV	—	—	—	—		I	Pagan (981 Picot) perfume	oz	80	6	22	2	12	0	
2cwt	—	—	—	—	135	0	I	Mr. Nicol (1466 Nichol) hair spray for men	24	3	6	8	3	11	D	Pandrion (346 Dales)	—	—	—	—	—	—	
powdered manure	14lb	—	—	—	15	0	D	Muguet des Bois (301 Coty) dusting powder	—	—	599	6		Pandrion (1457 PP Ltd.)	—	—	—	—	—	—			
28lb	—	—	—	—	27	6	I	de luxe	348	152	9	41	0	22	Pantene (261 Christy) Set de Pantene	84	6	23	3	12	6		
56lb	—	—	—	—	40	0	D	talcum	357	39	0	10	6	5	Paris (301 Coty) dusting powder	—	—	—	—	—	—		
1cwt	—	—	—	—	60	0	I	Mum (172 8MCL) existing entry	—	—	904	5		D	Parke-Davis (938 PD) adrenaline chloride solution I-1000, 10 mils	—	—	—	—	—	—		
2cwt	—	—	—	—	115	0	D	Mum (172 BMCL)	aerosol spray	3oz	47	3	12	4	6	PCM (878 Napp) tablets	100	60	0	—	6	8	
Mary Quant (876 MP) loads of lash (5 pair)	336	0	—	—	42	0	D	body spray	4½oz	58	3	15	3	7	500	22	Oea	—	—	29	4		
Maws (810 Maw) Tufty Tail pads standard (25)	47	2	—	—	4	11	I	cream	18gm	16	2	4	3	2	Peptinol (956 Peptinol) Personna (438 ER) blades, stainless, single edge	4	45	9	12	7	3	3	
Max Factor (813 MF) Shadow Fling	119	4	31	2	17	6	D	deodorant stick	19	10	5	2	2	10	(25 pkts.)	(25 pkts.)							
D Mebadin (518 Glaxo) Medihafer-bron (1061 Riker) † 200 dose	9	0ea	—	—	13	6	I	lotion	22	9	5	11	3	4	Peru (990 Peru) liquid extract	51	9	14	2½	7	6	6	
Medi-Swabs (H) (972 Phamax) 10×100	71	0	—	—	—	—	D	perfumed Rollette	35	5	9	3	4	11	pomade	51	9	14	2½	7	6	6	
Medrone (1263 Upjohn) TS Medules 4mgm 100 102 9ea tablets 4mgm 100 102 9ea	—	—	—	—	—	—	I	refill	28	5	7	5	3	11	stick for men	21gm	23	11	6	3	3	3	
Megaclor (972 Phamax) T5 syrup 60mils	5	0ea	—	—	7	6	D	28gm	55	1	14	5	7	6	Photoflux (977 PE) flash bulbs	PF60	26	0	—	—	—	3	0
D Meggeson (994 P & M) Meggeson (832 MWV)	—	—	—	—	—	—	D	PF100	32	6	—	—	—	D	PF45	26	0	—	—	—	3	9	
D Meggezones (994 P & M) Meggezones (832 MWV)	—	—	—	—	—	—	I	PF60/97	26	0	—	—	—	D	PF100/97	32	6	—	—	—	3	9	
I Metamsustac (972 Phamax) †S4B tablets 15 mgm 30 4 10½ea	—	—	—	—	6	6	I	PF45/97	26	0	—	—	—	I	Pickles (982 Pickles) Koolstick	24	0	6	7	3	6	6	
Metastab (147 Boots) T5 tablets 100 102 9ea	—	—	—	—	137	0	D	Pitressin (938 PD) †S4B tannote in oil 1ml	—	—	—	—	—	D	Perito (938 PD) tannote in oil 1ml	10	160	0	—	—	20	0	
I Metulen-M (1121 Searle) †48 tablets 21	—	—	—	—	—	—	I	Nappy Change (1413 P & 5) (distributors 1545 Vestric) aerosol foam 6oz 40 0	—	—	11	0	5	11	D	Placodin (187 BS) tablets Plus (1565 P. Plus) cine cameras Plasmatic Super 85 Super Z20	—	—	—	—	—	399	0
D Metulen-M (1121 Searle) †48 tablets 20	—	—	—	—	—	—	I	Neo-Endrine (1352 Wyeth) †s4B spray 15mils 40 0	—	—	—	—	—	D	Polaroid (989 Polaroid) sunglasses 700, 701 204	—	—	—	—	—	599	9	
Midnight (385 DG) perfume aerosol 54cc	107	0	29	0	16	9	I	Nidrin (1154 SNP) 48 0	—	—	12	0	4	6	I	Poly (721 LC) Spray Silk aerosol 6oz 47 2	13	0	6	11	6	11	6
Milton (849 M) antiseptic 80oz	13	2ea	—	4ea	17	6	D	Niegeloh (580 DH & Co.) cuticle clippers N18	—	—	—	—	—	D	Polyherb (721 LC) shampoo sachet 7 2	2	0	1	0	1	0	1	
D Milton (849 M) antiseptic sterilising unit old pack	7	7ea	—	10	6	—	I	N18	140	0	38	6	—	D	Pomade Divine (210 B & C) 25 0	6	10½	3	6	3	6	6	
I Mimospray (1413 P & 5) (distributors 1545 Vestric)	—	—	—	—	—	—	D	N19	152	0	41	9	—	I	Ponds (256 CPL) cold cream jar 42gm	26	10	7	4½	3	9	9	
Minims (1154 SNP) amethocaine hydrochlor† 0·5% 100 65 0ea fluorescein sodium 2% 100 65 0ea	—	—	—	—	—	—	D	dry skin cream jar 42gm	26	10	7	4½	3	9	Plus (1565 P. Plus) cine cameras Plasmatic Super 85 Super Z20	—	—	—	—	—	399	0	
Minolta (667 JCL) cameras 35 mm A5-S	—	—	—	—	636	9	I	foundation cream jar 42gm	26	10	7	4½	3	9	Polaroid (989 Polaroid) sunglasses 700, 701 204	—	—	—	—	—	50	0	
AL-F	—	—	—	—	759	6	D	vanishing cream jar 50gm	26	10	7	4½	3	9	Poly (721 LC) Spray Silk aerosol 42gm	26	10	7	4½	3	9	33	0
Electro-Shot	—	—	—	—	999	6	I	Portia (1160 Solport) baby balances	56	0	—	—	—	D	Polyherb (721 LC) shampoo bottle 35 0	9	7½	4	11	6	11	6	
Hi-Matic 7S	—	—	—	—	999	6	D	iodine brushes	110	0	—	—	—	I	Pomade Divine (210 B & C) roll ball applicator	35	0	9	4	7	7	7	
Hi-Matic 9	—	—	—	—	1199	6	I	loose	3	0	—	—	—	D	Prestige (1113 5 & B) existing entry	127-24	—	—	—	—	17	9	
Repo 5 cameras 2½in square Autocord	—	—	—	—	598	11	D	carded	3	8	—	—	—	I	Prestige (1113 5 & B)	—	—	—	—	—	41	8	
D Minolta 8 (667 JCL) cameras cine 8mm Autopak 8-53	—	—	—	—	1171	11	I	plastic nipple shields	7	0	—	—	—	D	Prestige (1113 5 & B)	bottle	50cc	34	1	9	4	7	
8-K3	—	—	—	—	1331	3	D	tincture and lotion brushes	50gm	26	10	7	4½	3	I	Prestige (1113 5 & B)	roll ball applicator	55cc	37	10	10	5	1
8-K7	—	—	—	—	1599	6	I	duck size	3	2	—	—	—	D	Pristacin (623 HP) pieces 144	—	—	—	—	—	5	5	
8-K11	—	—	—	—	2199	6	D	favelon	4	3	—	—	—	I	Propaderm-C (34 A & H) TS cream	15gm	8	4ea	—	—	32	6	
cameras instant load 16-11	—	—	—	—	364	0	I	goose size	5	3	—	—	—	D	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	32	0	
16-P5	—	—	—	—	249	5	D	pumice stone	6	9	—	—	—	I	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	12	6	
16-MG kit	—	—	—	—	840	0	I	Presence (Houbigant (I Abbey)) eau de toilette	127-24	—	—	—	—	D	Pristacin (623 HP) pieces 144	—	—	—	—	—	32	0	
Autopak 700 cameras 5.L.R.	—	—	—	—	799	6	I	—	—	—	—	—	I	Orale (1145 Sirex) anti-rides	756	—	—	39	0	—	—		
SRIV f2 lens	—	—	—	—	1399	6	D	—	—	—	—	—	D	Ora-jel (1141 5impkin) Ora-jel (1141 5impkin)	757	—	—	75	6	—	—		
SR7V f1-8 lens	—	—	—	—	1799	6	I	—	—	—	—	—	I	Orale (1145 Sirex) boreale	536	—	—	19	6	—	—		
SRT101 f1-4 lens	—	—	—	—	2799	6	D	—	—	—	—	—	D	Orale (1145 Sirex) eye shadow	618	—	—	27	6	—	—		
f1-7 lens	—	—	—	—	2399	6	I	—	—	—	—	—	I	Orale (1145 Sirex) powder	618	—	—	27	6	—	—		
D existing camera entry	—	—	—	—	—	—	D	—	—	—	—	—	D	Pristacin (623 HP) pieces 144	—	—	—	—	—	5	5		
D Minoltina 8 (667 JCL) camera B black satin finish projector Minomat N	—	—	—	—	1673	10	I	—	—	—	—	—	I	Orale (1145 Sirex) anti-rides	756	—	—	39	0	—	—		
Minotact	—	—	—	—	1886	0	D	—	—	—	—	—	D	Orale (1145 Sirex) boreale	757	—	—	75	6	—	—		
Misslyn (1440 ILL) nail varnish cream pearl Demipearl	37	0	10	2	5	6	I	—	—	—	—	—	I	Orale (1145 Sirex) eye shadow	618	—	—	19	6	—	—		
pearl	51	0	14	0	7	9	D	—	—	—	—	—	D	Orale (1145 Sirex) powder	618	—	—	27	6	—	—		
Demipearl	46	0	12	8	6	9	I	—	—	—	—	—	I	Pristacin (623 HP) pieces 144	—	—	—	—	—	5	5		
Monogram (857 ME) electric overblankets Countess	single	170	6ea	45	8ea	273	0	D	—	—	—	—	—	D	Propaderm-C (34 A & H) TS cream	15gm	8	4ea	—	—	32	6	
double	196	8ea	52	9ea	315	0	I	—	—	—	—	—	I	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	32	0		
dual	222	11ea	59	9ea	357	0	D	—	—	—	—	—	D	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	12	6		
Peeress	single	137	1ea	36	9ea	219	6	I	—	—	—	—	—	I	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	12	6	
double	162	1ea	43	5ea	259	6	D	—	—	—	—	—	D	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	32	0		
dual	193	3ea	51	10ea	309	6	I	—	—	—	—	—	I	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	32	0		
hairdryer de luxe	—	—	—	—	199	6	D	—	—	—	—	—	D	Propaderm-C (34 A & H) TS cream	50gm	21	4ea	—	—	32</			

Purapen G (1393 BRL) TS vial 500,000 units 1 6ea 1 mega 2 3ea	—	—	100mgm 100 6 10ea 500 31 11ea 5000 305 11ea	—	10 3 47 10 458 10	Suba-Seal (479 WF) baby feeders boilable plastic complete with silicone teat narrow neck 8oz IC60 39 6 wide neck 8oz IC61 43 6	— 4 11
Q-Tips (256 CPL) cotton swabs 300 22 0	—	2 9	tablets 50mgm 100 4 0ea 100 5 8ea 1000 49 7ea 5000 245 1ea	—	6 0 8 6 74 4 367 7	complete with Suba Clear teat narrow neck 8oz IC62 45 6 wide neck 8oz IC63 51 6	5 5
Queen (151) Boutalis foundation cream 38 0	10 6	5 6	Secto-Kil (333 Cupal) slug tablets 150 24 6	—	2 9	breast reliever IC3 74 4	6 5
Radiol (1023 Radiol) 4-oils 10oz 105 0	28 10½ 15 6		Serene (1164 SSL) beauty cream 31gm 49 3 85gm 108 8	13 3 29 3	7 3 16 0	enema IC16 85 0	—
Rand (1540 SDR) automatic tooth brush home kit 20 8ea travel kit 16 8ea	5 8ea 4 7ea	37 6 29 6	Shadeine (657 IL) hair tint 1oz 41 1 11 3½ 6 1			hot water bottles Suba-Royal 68 0 Suba-Line 68 0 Bara Royal 68 0 Baraline 68 0	8 6 8 6 8 6
Redi Splint (938 PD) hand and wrist 30 2ea half arm 39 0ea full arm 45 7ea foot and ankle 45 7ea half leg 60 4ea full leg 66 6ea athletic (full leg) 80 9ea emergency kit 283 1ea	—	—	Signoricci (Nina Ricci (1131 Shulton)) after shave GA5 28 9ea 18 0ea 4 10ea 32 9 soap (single) SG11 4 11ea 1 4ea 9 0 (3) SG1 14 9ea 3 11ea 27 0 toilet water G7 15 3ea 4 1ea 27 9 G6 20 6ea 5 6ea 37 6 G5 40 0ea 10 9ea 72 6 atomiser GI07 26 3ea 7 0ea 47 6 refill GI17 22 3ea 5 8ea 38 6			soother all rubber IC53 8 8	— 1 1
Regula (980 Photopia) cameras Olympic IA — — 479 6 case — — 58 1 Sprinty C — — 159 6 Sprinty BC — — 58 1 D — 279 6 flash unit variant F variant F5 — — 248 11 — 319 6			Simbix (173 Britanal) diet biscuits diet biscuits (bacon grill, cheese crackers, cheese and apple, chocolate wafer, chocolate/lime creams, custard creams, farmhouse grill, jaffa cakes, lemon wafer) 42 9	—	4 9	syringe whirling 8oz 115 3	14 3
D Reguletts (333 Cupal) laxative tablets carton 30 15 6 3 10 2 4 tin 12 8 3 2 1 1 4 36 15 6 3 10 2 4			Sketch (Molinard (960 ADP)) perfume 2704 62 6ea presentation 2507 25 6ea 2506 38 6ea 2505 60 6ea 2504 95 6ea concreta boule 9 10ea	16 10ea 16 10ea 10 4ea 16 3ea 25 7ea 2 8ea	117 6 47 6 73 6 112 6 175 0 17 9	teething trainer rubber IC38 10 0 polystyrene 5A3 8 0 silicone IC52 34 0	1 3 1 0 4 3
D Renaissance (1052 Revlon) Moon Drops blushing silk 5225 97 6 26 10 14 9			Skol (1113 S & B) sun tan cream 33 7	9 3	4 6	Suede (981 Picot) perfume 1oz 92 6	25 5 13 9
Restograi (203 Brynn) hair tonic 111 0 30 6 15 6			Slim Disks (1568 Trentham) 100 100 0	—	12 6	Sulphamagna (1352Wytch) t½4B suspension (vet.) 12oz 11 3ea 2 litre 65 8ea	— 15 0 87 6
Revlon (1052 Revlon) Blondsilk 115 3 31 8 17 6 Colour Silk ‡ Ultrasilk 115 3 31 8 17 6			D Smokies (994 P & M) Smokies (832 MW)			Suscardia (972 Pharmax) ampoules 6 8 9ea	—
Richard Henry (295 CM & R) hair sprays 31 0 8 6 4 7			D Sodium Amylal (413 Lilly) t½1s4A ampoules 125mgm 6 12 1ea 250mgm single 2 2ea 500mgm single 3 3ea	—		Syrtussar (61 APC) † syrup 4oz 5 0ea 40 oz 36 0ea	1 4 1ea 8 11 9 10 1ea 63 11
Riddohaler (1059 Riddell) disposable inhaler 100 0 — 12 6			Pulvules 60mgm 100 4 2ea 500 19 9ea 200mgm 100 8 8ea 500 41 7ea 5000 402 2ea	—		Tanderil (501 Geigy) t½4B suppositories 5 9 2ea 50 73 4ea	— 13 9 110 0
Rinstead (994 P & M) Rinstead (832 MW)			tablets 60mgm 100 3 8ea 500 28 9ea 200mgm 100 6 3ea 1000 54 3ea 5000 268 7ea	—		D Taylor of London (1541 T of L) existing entry Taylor of London (1541 T of L) bath essence 2oz 12 0ea 4oz 22 6ea 10oz 42 0ea bath oil 1oz 13 0ea perfume ½oz 11 0ea ½oz 18 6ea 1oz 32 6ea pomanders Chelsea 35 6ea pomanders Wedgwood Hathaway Rose, Country Garden Blue or Green Jasper Blue Jasper Bowl pot-pourri 2oz 7 0ea 4oz 10 0ea 8oz 15 6ea mist aerosol sachets scented (3) (6) soap toilet (3) guest (6) bath (3) talcum 3½oz 5 0ea 2oz 9 9ea 4oz 17 6ea 10ea 35 0ea for men after shave 4oz 14 6ea Cologne for men 4oz 18 6ea eau de Cologne 4oz 10 6ea eau de Portugal 4oz 10 6ea Florida water 4oz 10 6ea lavender water 4oz 10 6ea	3 7ea 23 0 42 0 78 6 25 0 21 0 35 0 63 0 110 0
Robe d'un Soir (1469 PC) bath oil 4943 26 9ea 7 2ea 47 6 talcum powder 4911 8 0ea 2 2ea 14 3 perfume 9047			Softella (810 Maw) mini briefs 52 0 sanitary briefs 47 0	5 9 5 2	6 11 5 11	Teak (1131 Shulton) hair friction 95 9 soap single 59 3	25 8 14 6 15 11
Roberts (1068 Roberts) zinc and castor oil cream 1oz 8 2 2oz 12 7 4oz 19 6		11 1 5 2 2	Sparklets (183 BOC) syphons Hostmaster bulbs C	54 9ea 55 2	6 0ea 9 2	Teatcote (649 ICI) teat spray/dip (vet.) 1gall 19 6ea	— 26 0
Ronson (1079 Ronson) automatic tooth-brush rechargeable model 148 8ea 32 10ea 231 0	I		Starset (1188 Steiner) 44 0	12 1	6 6	D Tenormal (649 ICI) tablets The Blue Train (981 Picot) perfume 1oz 80 6	22 2 12 0
electric razors model 21 90 5ea 200 96 5ea K-type 107 11ea M-type 120 7ea		24 10ea 26 6ea 29 8ea 33 2ea 178 6 157 6	149 6 159 6 178 6 199 6			Thermoset (1228 TAL) electric blankets Regent 48×26 48×44 Everest 50×26 50×44 Cozee 62×26 62×50 all-night Ambassador 28/30×62 54/56×62 over-blankets all-night New Era 80×60 80×80	67 11 91 5 88 11 119 10 101 11 148 7 310 5 595 5 296 6 455 1
R.T.U. (203 Brynn) warfarin 10 0 24 0 64 0		— 1 0 3 0 8	Steradent (1037 Reckitt) powder small 14 5 medium 24 3 economy 33 2 tablets 1mgm 100 15 6ea 1000 138 8ea 5mgm 100 21 7ea 1000 193 10ea	3 8 6 2 8 5½ 23 3 32 4 208 0 290 9	1 11 3 3 2 2 2 2	Throaties (64 AW) Throaties (64 ALC) Topnote (1157 5) bobby rollers flexi rollers	—
Rugard (1169 GS & S) eyeliner brush 96 0 40 0		26 11½ 14 6 5 11	Sterafix (1037 Reckitt) small 18 0 large 31 6	—	2 0 3 6		
Sanoid (339 CG) first aid cream 12 0	—	1 6	Stergene (382 Domestos) handy pack 9 9 (3doz)	—	4		
Sauna (957 Perl) Original Finnish soap 30 0	8 0	4 6	Strenol (1418 Strenol) skin (eczema) cream (vet.) 35gm 1oz	—	3 11		
Scherk (957 Perl) face lotion 50cc 44 0 100cc 78 0 250cc 142 0	12 0 21 0 38 0	12 0 11 6 21 6	100 8 4ea 500 19 9ea	12 6 D	7 3 3 11	D Throaties (64 AW) Throaties (64 ALC) Topnote (1157 5) bobby rollers flexi rollers	
Sea Witch (412 Elida)‡ Seconal (413 Lilly) t½1s4A Sodium Enseals 100mgm Pulvules 50mgm	100 100 500	8 4ea 4 7ea	—				

Tosca (1113 S & B)	bath cubes	9116	34	3	9	5	7	1	Color Lanhar	—	—	943	0	I113 Bencard = Bencard, Beecham Research Laboratories, Ltd., Great West Road, Brentford, Middlesex. 01-560 5151.		
eau de Cologne	aerosol	1185	133	9	36	9	19	10	Color Skopar	—	—	1178	9	203 Brynn = Brynn Manufacturing Co., Ltd., Wig Road, Ashton-in-Makerfield, Lancs. Ashton-in-Makerfield 77443.		
Tri-Adcortyl (1176 Squibb)	ointment 5mg	—	—	—	—	—	—	—	Vitomatic IIB	—	—	1037	4	203 Brynn = Brynn Manufacturing Co., Ltd., Wig Road, Ashton-in-Makerfield, Lancs. Ashton-in-Makerfield 77443.		
Trombovar (93 BI)	ampoules 2cc 3%	10	32	5ea	—	—	—	—	Vitoret	—	—	1284	11	336 Curacho = Curacho Co., The Old Drive, Vicarage Lane, Horley, Surrey. Horley 4311.		
multivit 25mls 3%	—	1	31	2ea	—	—	—	—	D	—	—	318	4	361 Dearborn = Dearborn (1923) Ltd., Kingsway House, Paradise Road, Richmond, Surrey.		
1	12 374	0ea	—	—	—	—	—	—	F	—	—	518	8	447 PF=Phillip Farrington, Ltd., The Homestead St. Elmo Avenue, Offerton, Stockport, Cheshire. Steppin Hill 6979.		
Tuinal (413 Lilly) ts1s4A	Pulvules	100mgm	6	1ea	—	—	—	—	DR	—	—	624	10	475 FG=Four Gee's (Wooburn) Ltd., Wooburn Green High Wycombe, Bucks. Bourne End 21594.		
500	29	3ea	—	—	—	—	—	—	L	—	—	671	11	492 Gambarra=Gambarra, Ltd., 11 Centurion Road Brighton, 1. Brighton 29449.		
200mgm	100	9	11ea	—	—	—	—	Rapid D	—	—	565	10	505 GFL=General Foods, Ltd., Maxwell House, Banbury Oxon. Banbury 4433.			
500	46	4ea	—	—	—	—	—	projectors	—	—	850	0	512 GF=Giles Farnaby of London, Ltd., 43 Dove Street, London, W.I. Hyde Park 9435.			
5000	444	7ea	—	—	—	—	—	Perkeo Automat	5	—	975	0	629 HL=Howard Lloyd & Co., Ltd., 103 Mount Street London, W.I. Grosvenor 6801.			
Urovision (1479 5CL)	ampoules 25mls 5	40	0ea	—	—	—	—	Perkeo ML	1	—	1580	0	646 El=E. Illingworth & Co. (Bradford), Ltd., She Mills, Shelf, Yorks. Bradford 676261.			
25mls 20	152	0ea	—	—	—	—	—	Warricks (994 P & M)	—	—	1070	0	768 LA=Lloyd Anphar, Ltd., 103 Mount Street, London W.I. Grosvenor 6801.			
vials	50mls 5	72	1ea	—	—	—	—	Warricks (832 MW)	—	—	567	6	769 LH=Lloyd-Hamol, Ltd., 103 Mount Street, London W.I. Grosvenor 6801.			
50mls 20	273	3ea	—	—	—	—	Wellcome (208 BW)	milk ring test	(vet.) VPO	100	—	39	3	770 LP=Lloyds Pharmaceuticals, Ltd., 103 Mount Street, London, W.I. Grosvenor 6801.		
Vaseline (256 CPL)	shampoo	cream bottle	70gm	21	5	5 11	2 11½	Xerumenex (878 Napp)	ear drops	12mils	72	0	19	10	793 MFL=Mapletons Foods, Ltd., Moss Street, Garston Liverpool.	
		123gm	31	1	8	6½	4 4	Yardley (1355 Yardley)	eyelighter	85	0	23	4½	12	7	832 MW=Meggeson-Warrick (division of Whit Laboratories, Ltd.), Penarth Street, London, S.E.15 New Cross 7878.
		beauty bottle	70gm	21	5	5 11	2 11½	face base	46	0	12	7½	6	10	957 PER=J. L. Perl, Ltd., 14 Westbourne Crescent London, W.2. 01-723 6100.	
		123gm	31	1	8	6½	4 4	face finish	44	0	12	1½	7	9	994 P & M=Potter & Moore, Ltd., Seymour Road London, E.10. Leytonstone 3334.	
		lemon bottle	70gm	21	5	5 11	2 11½	face kit brush	25	0	6	10½	3	9	1201 Supervite=Supervite Manufacturing Co., Ltd., 107 Great Eastern Street, London, E.C.2. 01-253 082	
		medicated bottle	70gm	21	5	5 11	2 11½	liplighter	85	0	23	4½	12	7	1228 TAL=Thermoset Appliances, Ltd., Chapel Works Evening Street, Failsworth, Lancs. Failsworth 1630.	
		123gm	31	1	8	6½	4 4	lipstick	568	42	0	11	6½	6	1253 Typharm=Typharm, Ltd., 439 Richmond Road Sheffield, 13. Sheffield 397260.	
D Vital (76 Atkinson)	shampoo	cream sachet	26	4	7	3	3 9	Yeast-Plus (447 PF)	extra energy tablets	50	35	0	—	4	6	1369 WSHL=Wilfred Smith (Horticultural), Ltd., Gemini House, High Street, Edgware, Middlesex 01-952 6655.
I Vitapointe (1530 Fisons)	hair conditioner	bottle	26	4	7	3	3 9	Yestamin (422 EG) existing entry	powder	8oz	35	9	—	4	3	1383 MFCC=M.F.C.C., Ltd., 14 New Meeting Street Birmingham, 4. 021-643 4588.
		cream sachet	6	2	1	8½	10		16oz	52	6	—	6	3	1393 BRL=Beecham Research Laboratories, Great West Road, Brentford, Middlesex. 01-560 5151.	
		bottle	21	6	5	11	3 0		7lb	21	2ea	—	30	3	1446 Pearmass=Pearmass, Ltd., 53 Great Marlborough Street, London, W.I. 01-437 3102.	
		liquid sachet	6	2	1	8½	10		14lb	39	11ea	—	57	0	1540 SDR=S. D. Rand, Ltd., 29 Beak Street, London, W.V.I.	
		bottle	21	6	5	11	3 0		50	16	6	—	11	0	1563 SHBS=Swiss Home Beauty Services, 188 Church Road, Hove, 3, Sussex. 0273-777313.	
D Voigtlander (673 J of H) existing entry	cameras	Bessy 5	—	—	259	4			100	23	0	—	2	8	1593 Ambassador=Ambassador Toilet Preparations Ltd., 3 Gt. James Street, London, W.C.I. Chancery 8946.	
I Voigtlander (673 J of H)		AK	—	—	683	8			300	50	6	—	6	0	1594 Bannen=J. Bannen, Ltd., 34 Oxford Street, London W.I. 636-4659.	
		Bessmatic	—	—	2381	1			1000	6	3ea	—	9	0		
		Color Skopar f2-8	—	—	3005	10			2500	15	9ea	—	22	6		
		Septon f2-0	—	—	2946	11			5000	30	0ea	—	42	9		
		Ultramic C5	—	—	3524	6			18000	87	0ea	—	124	0		
		Color Skopar f2-8	—	—	424	4										
		Septon f2-0	—	—	754	5										
		Vito C	—	—	848	9										
		Color Lanhar	—	—	848	9										
		Vito CL	—	—	848	9										
		Color Lanhar	—	—	848	9										
		Color Skopar	—	—	848	9										
		Vito CLR	—	—	848	9										

THIS WEEK'S CHANGES

Prices are given in the sequence Trade Price per Doz.; Purchase Tax per Doz.; Retail Price. Bold upright figures (2 9) in the retail price column indicate that the price is subject to resale price maintenance; italic figures (2 9) that it is recommended by the manufacturers; and light upright figures (2 9) that it is "notional" as a guide to the retailer in determining his own retail price.

Ardena (60 Arden)	highlighter	—	—	19	6			A Ethyl chloride (115 Bengue)	local	glass tube	30gm	57	0	—	6	4	Kodak (711 Kodak)	
	refill	—	—	8	0				refill	30gm	39	0	—	4	4	projectors		
	shader	—	—	19	6				glass tube	50gm	61	6	—	6	10	Instamatic movie		
	refill	—	—	8	0				refill	50gm	43	6	—	4	10	M55-L 325 0ea		
R Dermatec (938 PD)	comfort pads	40	0ea	—	60	0			glass tube	100gm	93	0	—	10	4	M60-L 383 6ea		
	Dimotane (1071 Robins)	expectorant †	20oz	30	7ea	—	45 10		refill	100gm	75	0	—	8	4	M70-L 643 6ea		
		80oz	111	9ea	—	167	7			glass tube	50gm	61	6	—	6	10	M80-L 773 6ea	
		DC DD	20oz	36	9ea	—	55 1			refill	50gm	43	6	—	4	10	L'Air Du Temps (Nina Ricci (1131 Shulton))	
D Dulsil (147 Boots) existing entry	lozenges	19	2	5	3	2	10			general	100gm	93	0	—	10	4	sparkling foam bath	
I Dulsil (751 LL)†										glass tube	100gm	75	0	—	8	4	MB3 15 3ea	
	Elnett (525 Golden)	Satin aerosol	18oz	106	6	29	3½	15	9	refill	50gm	61	8ea	—	27	6	Largactil (971 PSMB)‡s4B	
		topical ointment	½oz	—	—	—	—			tablets	10mgm	50	28	0	—	3	6	100mgm



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and Capsules

Chelsea Drug & Chemical Co. Ltd. 310 Old Brompton Rd., London SW5

Leon's (1538 Marcos)

black satin hair grower	—	—	5 3	R	Ortho-dienoestrol (922 Ortho)†s4B
	—	—	4 9		cream with applicator
	—	—	7 9		tube only
double strength	—	—	4 9	D	peasaries
	—	—	7 9		Plus-Pain (115 Bengue)
Khus-Khus pomade	—	—	4 6		Portia (1160 Solport)
Lady Gilo hair dye	—	—	7 9	I	stygic pencils carded
hair grower	—	—	4 9		3" labelled & cello wrapped
Marvel hair dye	—	—	7 9		D1660C 3 6
hair grower	—	—	4 9		2" in plastic case D1663C 5 0
	—	—	7 9		in polythene case D1666C 7 3

Maws (810 Maw)

Simpla set	13 6ea	8ea	20 0
------------	--------	-----	------

Minims (1154 SNP)

ephedrine hydrochlor†s%20	14 0ea	—	21 0
---------------------------	--------	---	------

Minnims (1568 Trentham)

tablets	100 21 0	—	2 6
---------	----------	---	-----

Nivea (1164 SSL)

creme powder	39 3	10 10	5 11
deep cleansing milk	23 2	6 5	3 6
	36 5	10 10	5 6
lipstick dew-kiss	36 5	10 10	5 6
liquid creme foundation	43 2	11 10	6 6

N.P.U. (810 Maw)

glucose	IIb	IS 3	—
---------	-----	------	---

Nuderm (751 LL)

gel	24 2	6 8	3 7
-----	------	-----	-----

A = Price Advanced
R = Price reduced
● = New entry
D = Delete
C = Correction
I = Insert

Right Guard (S14 Gillette)

● deodorant squeeze	pack	32cc	25 9	7 1	3 11
---------------------	------	------	------	-----	------

Robinson's (285 Colman)

A baby rice cereal	6oz	16 0	—	1 8
--------------------	-----	------	---	-----

A instant foods for

A baby	12 3	—	1 4
--------	------	---	-----

A mixed cereal

8oz	16 0	—	1 8
-----	------	---	-----

A ready cooked

groats	8oz	16 0	—	1 8
--------	-----	------	---	-----

I Sasorabia (1538 Marcos)

perfume	—	—	—	21 0
---------	---	---	---	------

Sporostacin (922 Ortho)

pessaries	15 84	0	23 0	12 5
-----------	-------	---	------	------

Sweetex (751 LL)

liquid	1oz	22 6	—	2 6
--------	-----	------	---	-----

powder

4oz	27 0	—	3 0
-----	------	---	-----

tablets

1lb	81 0	—	9 0
-----	------	---	-----

tablets

100	9 0	—	1 0
-----	-----	---	-----

tablets

200	15 9	—	1 9
-----	------	---	-----

tablets

500	33 9	—	3 9
-----	------	---	-----

tablets

30cc	14 2	—	2 1
------	------	---	-----

tablets

57cc	19 9	—	2 11
------	------	---	------

tablets

115cc	32 1	—	4 9
-------	------	---	-----

tablets

50gm	20 2ea	—	30 3
------	--------	---	------

tablets

50gm	19 2ea	—	28 9
------	--------	---	------

V-Cil-K (413 Lilly)

D tablets 60mgm 100

Veramix (1263 Upjohn)†s4B

D sheep sponge 20 133 4ea

D ointment S0 — — 200 0

Zam-Buk (1530 Fisons)

D ointment family 61 8 16 11 1/2 8 2

AMENDMENTS TO KEY TO SUPPLIERS

751 LL=Lenbrook Laboratories, Ltd., 1 Thane Road West, Nottingham, Nottingham 56111.

1123 SLL=Selpharm Laboratories, Ltd., Percival House, Pinner Road, Harrow, Middlesex. 01-427 9741.

1281 Vincent=L. E. Vincent & Partners, 10 Haymarket, London, S.W.1. 01-839 5445.

Birmingham : Bournemouth : Leeds : Liverpool : Sheffield

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60 grammes 4/6

120 grammes 8/3



IMPERIAL CHEMICAL INDUSTRIES LIMITED PHARMACEUTICALS DIVISION
Alderley Park Macclesfield Cheshire

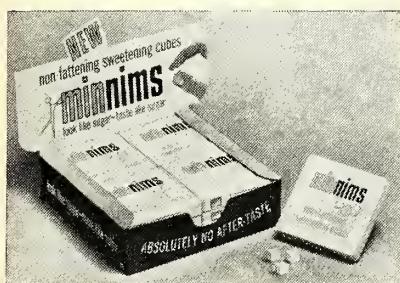


Ph564m

NEW PRODUCTS AND PACKS

SWEETENING TABLETS

In Cube Form.—Trentham Laboratories, 214 Arkwright Street, Nottingham, have adopted a cube shape for Minnims sweetening tablets based on sodium cyclamate (formula: sodium cyclamate, 70 mgm.; sodium saccharin, 5 mgm.; in a special base). Each tablet is understood to have a sweetening strength comparable to two lumps of



sugar. Sodium saccharin is included for its synergistic effect and also to achieve a lack of "after taste." The makers point out that Minnims are not effervescent tablets and give an entirely different sweetening taste to current saccharin tablets. The pack is a slim plastic pocket "dispenser" holding 100 cubes. Distributors are Vestric, Ltd., Chapel Street, Runcorn, Ches.

Slimming Aids

With Peppermint Cream.—Following the successful acceptance of Limmits chocolate, Uniclife Ltd., Unimart House, Stonar, nr. Sandwich, Kent, are adding a new addition to the range, Limmits peppermint cream, a plain



chocolate bar filled with peppermint fondant cream. Each 2½ oz. bar constitutes a complete meal replacement

which can help slimmers when it is eaten as part of a calorie controlled diet. The product is supplied in display outers each of which contains two dozen bars of the product.

SUNDRIES

In New Pack.—Now available from Maws Pharmacy Supplies, Ltd., Alders-



gate House, Barnet, Herts, are rayon-covered plastic baby pants with soft elastic, forward-facing legs. The pants are available in three sizes (white only). The pack takes the form of a cardboard miniature carrier bag on which is clearly displayed the retail price.

A Thermometer and its use.—A booklet recently introduced by G. H. Zeal, Ltd., Lombard Road, London, S.W.19, for use in conjunction with their fertility, ovulation or basal-pattern clinical thermometer, is designed for the rhythm method of family planning. It has been realised there is a need for explanatory literature upon the subject and it is hoped the new booklet will enable the user to appreciate and understand the medical background, along with the correct use of this special type of clinical thermometer. The booklet shows illustrations of the instrument in both Fahrenheit and Centigrade scales, as well as giving a brief medical explanation of the menstrual cycle, laying particular stress on the importance of plotting accurately the body temperature each morning on one of the monthly charts provided. Also included is a completed "example" chart for the benefit of the user, along with full instructions on how to plot the chart daily and on the use and care of the thermometer itself. The Zeal fertility thermometer is supplied in a black plastic case, with ranges of either 96 to 100°F. or 35 to 39°C. (both scales being subdivided every 0·1 degree and figured every full degree for ease of reading) and complete with the new self-explanatory booklet, which includes nine months' supply of temperature charts. A copy of the new booklet may be obtained by contacting Messrs. Zeal enclosing details of the addressee together with a four-penny stamp, and supplies of the ther-

mometer itself are available through the usual wholesale channels.

COSMETICS AND TOILETRIES

Bath Luxuries.—Shulton (Great Britain), Ltd., 100 Brompton Road, London, S.W.3, have introduced three new Carven "luxury" bath preparations: A bath oil in *Ma Griffe* and *Robe d'un Soir* fragrances; a talc in *Robe d'un Soir* (*Ma Griffe* has been available for time); and a soap in *Ma Griffe* fragrance.

Now in "Squeeze" Pack.—Right Guard aerosol deodorant of Gillette Safety Razor Co., Great West Road, Isleworth, Middlesex, is now sold in plastic "squeeze" bottle, allowing no



contact between deodorant container and the user and handy for the sports bag. The outer opens to form a window or counter display.

Dior series for Men.—Parfums Christian Dior, Paris, France, have brought out a new line of toiletries for men under the name *Eau Sauvage* (the name, say the manufacturers, is echoed in the scent: "a fresh bitter sweet nuance of sap, sea and sun" blended from cedar, lavender, rosemary, thyme, rock-moss and wild flowers. The pack has been styled after a fine English leather and the bottles, banded with silver to match the screw caps, are of 2, 4 and 8 oz., plus a 4-oz. atomiser. The series also includes an after shave in 2-oz. and 4-oz. flacons and 4-oz. atomiser, pre-shave in 2-oz. and 4-oz. flacons, and lather and brushless creams.

New Colours for Autumn.—Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, claim to have taken inspiration from the Northern Lights for a range of new products to contrast with the yellow, orange, red and rich browns of autumn fashions. Northern Lights lipstick is a coral pink "bright enough to add sparkling colour in the duller days ahead." The new Ardena highlighter is described as a "gleaming magnolia-shaded pressed powder" whilst the Ardena shader is "a delicate taupe shade of pressed powder."

Against Brittle Nails.—An addition to the range of hand-care preparations by Wassen-Europ, Ltd., is a nail-polish remover, Voss Nail-Kind. The product



was formulated in response to requests from women for a nail-polish remover which, apart from being an excellent product in its own right, would also work effectively with their nail strengthener. It counteracts the hardening effect of normal removers. Moreover the strong smell that is a customary feature of nail varnish removers disappears immediately on application of Nail-Kind, leaving a pleasant fine faint perfume. Customers are usually allowed to test that claim for themselves by placing a few drops of Nail-Kind on the skin. It does not smudge nail varnish and is quick-drying, so that new varnish may be re-applied almost immediately after use.

For Throat and Neck. — Helena Rubinstein, Ltd., 3 Grafton Street, London, W.I, have launched two preparations "designed to cope with and prevent some of the most telling signs of age." Skin Life throat and neck lotion has astringent properties and Skin Life throat and neck cream is described as "an exclusive combination of imported natural extracts and emollients in a non-greasy base, but . . . easily spread and disappears into the skin." Besides the separate packs for lotion and cream, an introductory combination set of special sizes of each is available. A new Illumination range includes Lumina foundation, face powder and compact make-up in five shades (Radiant peach, honey beige, tawney rose, Lumina gold and Lumina copper). Lumina lipstick is offered in red, pink, honey, peach and gold sheen.

A New Soap and New Cosmetics. — Coty (England), Ltd., 3 Stratford Place, London, W.I, are "by popular demand" making available their *Imprévu* soap (originally featured in Christmas gift sets in 1966). The pale blue soap, stamped with the word *Imprévu* on one side and Coty on the other, fits squarely into the hand but has the "added luxury" of rounded edges. The 3-oz. tablet has an inner wrapper of transparent glassine and an outer of white-ridged paper wrapper outlined in the blue of the product. A blue and white



printed gold foil band completes the presentation. The soap is available singly or in carton of three. Messrs.

Coty also announce the addition to their *L'Aimant* range of a splash Cologne in 3-oz. and 6-oz. bottles, and of a *De Luxe* dusting powder in white polystyrene bowl and a smaller version of their perfumed talcum powder in lightweight flask. The dusting powder is available in *L'Aimant*, *Chypre*, *Paris*, and *Muguet des Bios* fragrances, and the pack includes a frothy white glove-puff, a window carton within the outer sleeve showing off the shape of the bowl to advantage. The polystyrene flask of the lightweight talcum powder is flat, easy to handle, and extremely convenient for packing when travelling.

Transparent Make-Up. — Estee Lauder, Ltd., 18 Davies Street, London, W.I, have devised "a new look for fall." "Eyes are pastel shadowed for a wide appealing effect, and lips are

touched with positive colour, then polished with gloss." Foundation for the new Estee Lauder look is a transparent powder base in shades "ranging from gentle blush to new honey beige and dusty beige (a darker tone without a hint of pink)." "Colour Contour" is then brushed on and a new "pastel sun" (a new coral tone) or "aurora pink" (with a delicate mauve note to compliment paler complexions). A third shade of Colour Contour is palest green "mint haze," a green shade intended to be brushed all over the face to "cool, lighten and lend luminescence to" the complexion. New shades of eye-shadow glow are "candlelight pink" and "sunlight beige," while "twilight grey" contours the area above the lid. Three new lipsticks are added in the Re-Nutriv formula. Egyptian pink, Bali peach and Aegean coral.

MANUFACTURERS' ACTIVITIES

Tennis Award. — For the first time the Personna tennis award 1967 was won by a doubles pair (Peter Curtis and Graham Stilwell) for their performance in reaching the semi-finals at Wimbledon.

"Miss Pears 1967." — Four-year-old Deborah Perryman, of Wembley, Middlesex, was recently crowned "Miss Pears 1967" by Stanley Holloway at the Theatre Royal, Drury Lane. Also in the picture is Kate Rimmer of Maldon, Essex, another of the six finalists.



Mr. Stanley Holloway bestows the "crown"

The 1967 competition attracted 73,826 entries. The event is held annually to find the prettiest little girl in the United Kingdom, entry forms being distributed through chemists and in advertisements in women's magazines. The other five finalists each received £100.

Medical Supplies by Air. — The air-freighting of pharmaceutical products is proving to be a successful system of distribution for Thomas Kerfoot & Co., Ltd., Vale of Bardsley, nr. Ashton-under-Lyne, Lancs. The company commenced to ship their products from Manchester airport by scheduled air freight service to Scotland in 1965, delivery being made to customers by Messrs. Kerfoot's own vehicles the fol-

lowing day. The service is greatly appreciated by retail pharmacists throughout much of Scotland and is being streamlined and extended. Orders telephoned to representatives in the Abbotsinch area are passed on immediately and in many cases are delivered the following morning.

Exhibition Film. — The Canadian Film Institute has selected a film prepared by Syntex Pharmaceuticals, Ltd., St. Ives House, Maidenhead, Berks, for showing to a medical audience at Expo 67. The film, "A New View of Corticosteroid Action in Inflammatory Dermatoses" describes how topical steroids correct biological dysfunction in skin tissue.

Celebration. — Mrs. P. Samuel, wife of the Hon. Peter Samuel (chairman, Mayborn Products, Ltd.), cut a 21-candle birthday cake at Sydenham, London, to celebrate the company's coming of age, recently. To mark the anniversary those present received a copy of a brochure, Dylon 21, which outlined the story of the company's minuscule beginning in the proverbial garage twenty-one years ago, when the managing director (Mr. L. G. Purbeck) worked late into the nights perfecting a new type of home dye, mixing the ingredients by hand in a kitchen bowl, filling aluminium tins with the dye powder, sealing them under a fly press and circulating samples to prospective customers.



"MISS TASMANIA" VISITS A FACTORY: "Miss Tasmania 1967," twenty-one-year-old Miss Gillian Fenton, photographed during a visit to the Ovaltine factory at Kings Langley, Herts. She is seen with Mr. S. C. Elliston (quality control chemist at the factory). Makers of Ovaltine are A. Wander, Ltd., 42 Upper Grosvenor Street, London, W.I.



C & D CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

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No Easy or Quick Answer

THE current furious controversy concerning "soft" and "hard" drugs and the most suitable controls that should be applied has recently escalated in a variety of likely and unlikely areas including Parliament and "pop" groups, the courts and even in whole-page advertisements in the *Times*. Many of the manifestations of interest have, it must be acknowledged, helped but little to solve the problem. It would even be fair to say that some have added difficulties to an already complex situation. The most serious aspect of the present main controversy is that it vitally concerns young people. It is therefore essential that an answer should be found without undue delay. The urgency has been impressed upon the subcommittee of the Advisory Committee on Drug Dependence which, the Home Office has announced, is currently studying the pharmacological, legal and social aspects of problems associated with "soft" drugs and will advise the Home Secretary in due course. However, the Committee should not be expected to provide a quick answer. The United Nations Commission on Narcotic Drugs has been considering the harmful effects of cannabis scientifically since 1953, and the international concern over amphetamines may be traced back to 1954 and in respect of barbiturates to 1956. So far as cannabis is concerned the Commission has repeatedly emphasised the view it had consistently held that cannabis is a substance to be subjected to the strictest measures of international control. The view has also been expressed that it could be "taken for granted that in a few years time" barbiturates, amphetamines, tranquillisers and hallucinogens would be "subject to a full measure of national control including controls on imports and exports, and possibly some other measures of an international character."¹

Those international viewpoints are now being challenged, and recently in the United Kingdom we have noted such problems being "solved" by those whose experience is limited and what has previously been considered as a mental disturbance or a vice needing careful therapy is being regarded by some as a social habit of consequence only to the individual concerned.

That attitude we cannot accept, for in modern society no individual exists in isolation. He must at some time or other come into contact with others, who may be the young and impressionable. For that reason, whilst readily appreciating that not all the data may yet be known, and that present-day facts may fall to be contradicted even in the near future, we should all, until

the present state of knowledge is changed, err on the side of caution—protecting those who may be put at risk by continuing toughly to enforce current controls, even though 100 per cent. achievement in that endeavour may not be attainable.

¹ Bulletin on Narcotics, XIX, No. 1.

Confectionery Plain and Medicated

Now that a decision has been given in a case under the Resale Prices Act contested before the Restrictive Practices Court (see *C. & D.*, July 29, p. 92), the likely attitude of the Court towards some aspects of cases still to be brought has become predictable if not apparent. In rejecting the claim of five manufacturers for exemption from the Act for sugar confectionery and certain chocolate goods, the Court expressed itself as unable to find that abolition of resale price maintenance was likely to make any appreciable or predictable difference to the prices at which confectionery would be sold by retail though it agreed that there would be lower prices in the short term. Nor could the court accept the manufacturers' estimates of the number of specialist confectioners in main streets that would go out of business so reducing the variety of products available to the public. Its own estimate was 10 per cent. Already there have been reports that cigarette and tobacco manufacturers believe their cases have been largely undermined by the decision, though they are said to be still intending to bring the arguments before the Court.

How far the decision in the first case to be heard affects the cases that are being prepared in respect of toilet goods and medicines remains to be seen. What may at once be said is that the decision directly affects pharmacists — albeit marginally — by removing price maintenance from items such as diabetic chocolate products. Boiled-sugar sweets (traditionally sold through pharmacies) and some pastilles will also be affected, but the dividing line between "sweet" and "medicine" may be narrow. Unless and until a test case is heard there is no way of being certain of the rules that will be applied. It seems likely that whether the product is "recommended" as a medicine, and thus covered by the Pharmacy and Medicines Act 1941, would be an appropriate criterion.

Users of the *C. & D.* Quarterly Price List will be aware that it contains a number of confectionery items that until now have been price-maintained. How they will be treated in the list in the future must depend on the attitude of the manufacturers themselves. If they are prepared, as most of them are, to "recommend" a retail selling price that will be indicated in the lighter type that has for some time been in use to distinguish "recommended" from "maintained" prices. If, however, there should be any who are not prepared to make any suggestion as to retail prices then we, as publishers, could not be said to be, in the words of the Act, "acting on behalf of a manufacturer" if we were to include any figure in the retail price column, and, on legal advice, should have to leave the space blank.

Overseas Trade in Pharmaceuticals

THE value of United Kingdom exports of pharmaceutical and medicinal products during June was lower than in any previous month of the year except February. The trend, however, was in line with the country's

EXPORTS	£'000		£'000		£'000
Vitamins, bulk	151	Organotherapeutic glands, etc.		Sulphonamides, bulk	70
products	79	bulk	21	tablets	64
Antibiotics		products	14	other products	33
Penicillin, bulk	182	Sera and vaccines	150	Proprietary medicines	2317
,, injections	152	Aspirin, bulk	29	Unclassified medicines	978
,, tablets, ointments, etc.	190	products	27	IMPORTS	
other antibiotics, bulk	417	Antihistamines products	90	Vitamins	49
,, products	400	Antipaludics products	62	Antibiotics	305
Alkaloids, bulk	151	Barbiturates, bulk	121	Alkaloids	85
,, products	26	products	35	Glycodices, glands, sera, vaccines	48
Hormones, bulk	152	Medicated confectionery	27	Proprietary and veterinary medicines	425
,, products	415	Ointments, liniments*	90	All other	183
Glycosides	10	Surgical dressings	497	* not specified elsewhere	

total exports. June exports of pharmaceutical goods, valued at £6·23 million, brought the total for the first six months of the year to £38·51 million against £32·24 million in the corresponding period of 1966. With the addition of medicated and unmedicated surgical dressings the total — as classified under division 54 of the Overseas Trade Accounts (H.M. Stationery Office, price 30s.) — was, for June, £6·73 million and, for the six months, £41·78 million and £35·43 million. A summary of the items making up June's total, together with a few pharmaceutical chemicals classified under another division, is given in the table above.

The Irish Republic was again the largest single market, with purchases valued at £466,000, or £55,000

more than in May. Sales to only two other countries exceeded £300,000, namely Australia, £379,000 and France, £343,000. In May, a record month for exports, eight markets each accounted for over £300,000. Exports to the European Economic Community totalled £981,000 and to the European Free Trade Area, including Finland, £825,000.

Imports of pharmaceuticals showed, at just over £1 million also a slight decline in June, though the aggregate for the six months was slightly up on the 1966 period. Western Germany (£172,000) and United States (£167,000) were the chief suppliers in June. Thus the United Kingdom is shown as a net importer in both instances.

Pharmaceutical Society of Northern Ireland MONTHLY MEETING OF COUNCIL

THE secretary of the Pharmaceutical Society of Northern Ireland was directed by the Society's Council, at its monthly meeting held in Belfast on July 20, to write to the authorities of Queen's University, Belfast, pointing out that the Society was not happy with the proposals for pharmaceutical education covering the next six to ten years.

When reports of recent meetings of the Education Committee were discussed members wanted the pharmacy department at present at the Belfast College of Technology to come within the direct control of the University, rather than, as currently proposed, being transferred to a new regional college. (It is proposed that the department should remain at the College of Technology until the new regional college is constructed.)

Fears About New College

Replying to a query by THE VICE-PRESIDENT (Mr. B. Flatley), MR. J. KERR (chairman of the Education Committee) said the new regional college would be under a board of management. He was not sure who would be represented on it. So far as could be ascertained, the new college was to be fairly large, but it would be mainly for National Certificate and non-degree work. The Council had been told that there was to be a large biological section, but he found that difficult to understand.

Fears were expressed by some members that, as a great deal of money was likely to be invested in the new college, the department might be left at Jordanstown; they suggested that some agreement should be reached with Queen's that the department would come under the University.

MR. J. KERR declared that, if the Council were convinced that pharmacy training should be a degree course within the University, they must make that quite clear. As they had no special authority for providing education, it was their responsibility to approve a course that would provide pharmacists of the right calibre.

THE SECRETARY said that the University would take over pharmacy tuition tomorrow if given a block grant to put

up the buildings. He saw no reason why the University authorities should not be told that the present proposals did not appeal to the Society, and asked if they could say when their finances would allow pharmaceutical laboratories to be provided and the department taken over by the University.

It was agreed to write to the University authorities on the lines mentioned in the opening paragraph.

The Council was told that Mr. Walter Scott, Member of Parliament for Bloomfield, had withdrawn an allegation he had made in the House of Commons in May (C. & D., July 8, p. 36) that pharmacy was a "closed shop." The report of a meeting between Mr. Scott, the president (Mr. A. T. Hardy), Mr. H. W. Gamble and the secretary on June 30 was approved. It stated:

"The secretary outlined the procedure adopted by the Council in regard to the nomination of examiners for the approval of the Minister of Home Affairs, the printing of examination papers and the conduct of the examinations. He explained that the board of examiners submitted report to the Council giving the names of the successful candidates. This report was received by the Council some time after the results had been announced in the Press. Mr. Scott said that complaints had been made to him by students who had sat for the Qualifying examination for pharmacy, and he felt justified in drawing the attention of the Minister of Home Affairs to those allegations, pointing out, at the same time, that he had no actual proof of their truth. Now that he has been fully acquainted with the manner in which the examinations were conducted, he is satisfied that there is no substance in the complaints made to him, and that the only bar to qualification is the failure to attain the high academic standard required."

MR. KERR thought that a man who represented a section of the community in Parliament should first have found out if there were any foundation for his allegation. MR. B. FLATLEY was inclined to accept Mr. Scott's apology.

THE SECRETARY deplored that, at a time when the Society might have to negotiate a new agreement with the Pharmaceutical Society of Great Britain, one of the people who should be helping the Society—a member of parliament—was doing his best to make life awkward and difficult. The

Council accepted Mr. Scott's withdrawal of the allegation. Presenting a fountain pen to Dr. J. A. M. Shaw (head of pharmacy department, Belfast College of Technology), who is leaving Ulster to take up a post in a Canadian University, THE PRESIDENT said Dr. Shaw had given of his best to the job and to the students and had co-operated with the Society in every way possible. (Dr. Shaw has been the first head of the department, which was established about four years ago.)

Thanking the president and members, DR. SHAW said that one of his reasons for going to Canada was uncertainty about the future of the Belfast pharmacy department. Two years ago the future in Northern Ireland seemed bright. That had been due to a large extent to the efforts of the Society in pushing the various people concerned to get better accommodation for pharmacy. However, over the past two years some uncertainty had developed. It might be cleared up in the future. He hoped the Society would

safeguard the future of pharmacy in Northern Ireland.

Close co-operation between the Society and the department of pharmacy could lead to great advances in pharmaceutical education.

A letter was received from the Society of Pharmaceutical Students thanking the Council for the grant of £25 towards the cost of students' representatives' attending the International Students Federation's conference.

No action was taken on an invitation to attend the first world meeting on medical law in Ghent, Belgium, in August.

Present at the meeting were the president, (Mr. A. T. Hardy) in the chair, Messrs. B. Flatley, W. H. Boyd; W. T. Hunter; H. W. Gamble; J. Paul; R. M. Watson; H. G. Campbell; R. J. Davidson; N. A. J. Anderson; J. Gordon; J. Kerr and J. D. Pollock.

Apologies for absence were received from Dr. R. G. R. Bacon, Professor O. L. Wade and Messrs. M. T. McGread; D. Moore; A. Templeton; W. C. Tate and G. E. McIlhagger.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

No Longer of Interest?

SIR,—It seems to me that it is time your "Prescription Poser" feature was brought to a close. It is no longer a matter of interest to see how badly a doctor can write. We have all had examples of it. It is only bad manners to write in this fashion, shows a blatant lack of consideration for the pharmacist, and should be deplored not encouraged. Chemists cannot afford time to solve mysteries under existing N.H.S. arrangements.

S. F. BROWN,
Tonbridge

[The fact that prescriptions continue to be sent in by readers is proof that the matter is still of wide interest. Far from being an encouragement to bad writing they have been used to good effect in some places to bring home to prescribers the troubles that indecipherable prescriptions can cause. "Mysteries" will in practice continue to call for solution whether we reproduce them or not.—EDITOR]

Last Hope of Prosperity

SIR, — As a qualified chemist I resigned from the Health Service because I was losing money. As a qualified optician my fees have been cut to about half I was promised when I was induced to enter the scheme. As a small photographic dealer I have had my profits cut, first by the Monopolies Commission, then by Messrs Kodak, and then by my best friends round the corner. As a small shopkeeper I shall soon be sent to prison, either because the wrong amount of goods is stated on the container, or because I am found charging a fair price for a fair article ("over-charging") or because some one in my shop (perhaps me) will make an exaggerated claim for an inferior article ("advertising"). I have been forced by the local authorities to have a wash basin next to the sink in the dispensary and two hand rails fitted to the stairs of the stock room. As the girls only go to these rooms to fetch a tray full of stock I am now advertising for three-handed girls. I have had £200 worth of fire extinguishers to please the fire authorities and have had easy exits made for my staff that unfortunately will also provide

easy access for burglars. I am too old to join a pop group and I shall soon be forbidden to sell antihistamines, quinine and boric powder. So may I be the first to apply for a licence to sell marihuana?

STILL VERY RESIGNED

P.S.—I note with great pain that my professional brethren have been receiving too much money under false pretences and now their perfidy has been discovered and they are being forced to pay it back. I never thought they would sink so low.

Can They Resign?

SIR,—In his "Open Shop" commentary, (*C. & D.*, July 29, p. 101) referring to Mr. Glassman's "Sack the Central N.H.S. Committee," E. C. Tenner states that "it is quite impossible to sack them, at least until next year's N.P.U. elections." I beg to differ. If a nation-wide ballot results in the majority of chemist contractors passing a vote of "No confidence" in the Committee, then it is incumbent on the Committee members as the "representatives" of the nation's chemists contractors to resign promptly from the Committee. If the "representative" status as executives of the N.P.U. prevents them from resigning, then a new representative body must be formed outside the N.P.U., and its members elected by national ballot, so as to be more truly "representative" of the chemist contractors on whose behalf it stands.

STANLEY BLUM,
London, W.11

Group Pharmacies

SIR,—A better solution to the problem posed by E. C. Tenner in "Open Shop" (*C. & D.*, July 29, p. 101) would be to keep open only those pharmacies sensibly sited for domiciliary and general practice of pharmacy purposes (which may be all four of them), perhaps taking on one (or two) additional pharmacists to provide leisure time and to staff a new pharmacy adjoining the group medical practice, that pharmacy, at least, being run on a group basis. Grouping is best as a local matter, but the economics of compensation for

any closure could be at least partly national. To me it would seem, however, that counter sales as well as N.H.S. should carry a fair share of all economic implications. That is why I deplore any "bait" tactics in pharmaceutical affairs. In the instance quoted, N.H.S. changes rather than "bait" tactics seem to be the main cause of any closure that might arise. Some districts have a surfeit of pharmacies others a shortage. National guidance would seem needed. The N.H.S. contract needs revision in any case, but to me the need would seem even greater when the group medical practice is centrally and strategically situated close to a shopping centre. It would be there that the pharmaceutical services could have more flexible hours in most instances. I would deplore any pharmacy open without a pharmacist present.

F. W. STEARNE, M.P.S.,
Manchester, 10

P.S. Price maintenance abolition (and whether it is to be replaced with something better) as well as the proposed new legislation also come into this in addition to N.H.S. conditions and "terms of service." To me "bait" means below sensible economic price, not just below ingredient cost, where pharmacy is concerned. I feel it is neither in our own nor the public interest that we should diversify too far. When he says "rather urgent problem," Mr. Tenner is putting it mildly! This, too, has been coming on for a decade without any announced public policy other than drift into further price-maintenance abolition, more supermarkets, etc., and with no announcement of what the position of pharmacy is to be. Pharmacists should write to Mr. Wright, as secretary of both N.P.U. and Central N.H.S. Contractors' Committee, to find out whether they might usefully delay their decisions a further month or two, whether planning is imminent or not, etc.

Appreciated

As a locum and during my thirty years as a proprietor I have always found *THE CHEMIST AND DRUGGIST* invaluable.—E.A.O.

EXAMINATION RESULTS

Successful Part III candidates

THE following candidates in the recent Pharmaceutical Chemist Qualifying examination (Part III) have satisfied the examiners in the subjects indicated (a=pharmaceutics II; b=pharmaceutics III; c=pharmacology; d=pharmaceutical chemistry III).

BRADFORD

- BOWKER, N. F., Manchester (a,c)
- BRAY, G. E., Ludlow (b,c,d)
- CHAN, U., Liem, Bradford (a,b)
- CHEE, Say H., Shepherds Bush (a)
- DONNAI, J., Solihull (c)
- FOSTER, J. H., Halifax (a,c)
- HOLT, C. J., Huddersfield (c,d)
- ISMAIL, Shekfit H., West Bridgford (b)
- LAWTON, Helen M., Bradford (a,b,c)
- MCDougall, J. C., Formby (a,b,c,d)
- OMOTOSHO, T. A., Bradford (a,b,c,d)
- PENNEY, A. R., Barnoldswick (a,b,c,d)
- PICKERSGILL, G. F., Leeds (a)
- ROBINSON, J. G., Bradford (a)
- SCOUAR, W. D., Liverpool (c)
- SHAW, Christine M., Netherton (b,c)
- SMITH, J. P., Louth (b,c,d)

CARDIFF

- ALLEN, A. A., Plymouth (a)
- BAILEY, Eileen M., Fairwater (a,b,c,d)
- BALDWIN, C. A., Cardiff (a,b,c,d)
- BARKER, J. P., Bristol (a,b,d)
- BEBB, A. S., Rhondda (a,b,c,d)
- BLACK, B. E., Forest Gate (b,c)
- DOUGLAS, G. H., Wolverhampton (b,c,d)
- EDWARDS, C. S., Dover (a,b,c,d)
- GRIFFITHS, Freda, Wigan (a,b,c,d)
- HARE, Susan A., Birmingham (a,b,c,d)
- JOHN, E. G., Cardiff (c)
- JOHNS, G. V., Swansea (b,d)
- JONES, A. G., Cwmbran (a,b,c,d)
- KERR, A. W., Bristol (a,b)
- MACALPINE, D. J., Cinderford (a,b,c,d)
- MARCH, G. A., Birmingham (a,b,c,d)
- MWANI, E. N., Plymouth (a)
- MORTEO, C. R., Cardiff, (a,b,c,d)
- OKAFOR, E. C., Walthamstow (c,d)
- PATEL, Hasmukrai A., Bournemouth (a,b,c,d)
- PLANT, Sheila A., Birmingham (a,b,c,d)
- PRICE, E. J., Ebbw Vale (a,b,d)
- REED, Penelope A., Swansea (a,b,c,d)
- RICHARDS, Gillian A., Carisbrooke (a,b,c,d)
- RICHARDS, G. T., Newport (a,b,c,d)
- Rosser, Sylvia J., Neath (b,c,d)
- SCREEN, A. H., Newport (a,b,c,d)
- SHAH, Jayantilal K. K., Cardiff (b,c,d)
- SHEPPARD, A., Aberbeeg (a,b)
- STEEN, K., Rhosyddlyn (a,b,c,d)
- THOMAS, I. G., Neath (a,c)
- VIVIAN, M. S., Kidwelly (a,b,c,d)
- WALTERS, T. H., Swansea (b,c,d)
- WILLIAMS, A., Swansea (a,b,c,d)

LEICESTER

- BAJOMO, G. A., Leicester (a,b)
- CASTLE, C. A., Birmingham (a,b,c,d)

- CAWDELL, G. A., Kettering (a,b,d)
- CHARLES, R. G., Leicester (d)
- CHESTER, Janet, Saltburn (a,b)
- CLIFFORD, Elaine H., Finchley (a,b,c,d)
- COPPING, Janet L., Nottingham (a,b,c,d)
- CRONSHAW, Ann, Blackburn (a,b,c,d)
- DAVIES, M. V., Leicester (a,b,c,d)
- DILLON, M. F., Leicester (a)
- FALEIRO, S. R., Leicester (a,b,d)
- GILBERT, Jill, Shrewsbury (a)
- GRAHAM, G. M., Haverhill (d)
- GREEN, Jane G., Birmingham (a,b)
- GROOM, Janice W., Doncaster (a,b,c)
- HAIDER, Syed K., Whitechapel (a,b,c,d)
- HALL, R. S., Leicester (a)
- HARVEY, D. J., Chesterfield (a,c)
- HICKLING, R. E., Nottingham (a,b,c,d)
- HOLT, Maxine, Derby (a,b,c,d)
- HORROCKS, M. R., Hinckley (a,b,c,d)
- HUMPHRIS, T., Navenby (a,b,c,d)
- INGHAM, Jane E. S., Macclesfield (a,b,c,d)
- JEPSON, T. J., Gorton (a, b, c, d)
- JONES, D. M., Stoke-on-Trent (a,b,c,d)
- LEGGETT, Karen A., Chester-le-Street (a,b)
- LESTER, J. G., Glossop (a,b,c,d)
- LITTLEWOOD, Christine A., Holmfirth (a,b,c,d)
- MAGGS, G. F. L., Coventry (a,b,c,d)
- MANJI, Nizarali S., Leicester (a,b,c,d)
- MARRIOT, C., Cambridge (a,b,c,d)
- MILLS, P. J., Cannock (a,b,c,d)
- MORRIS, A. R., Bungay (a,b,c,d)
- MOSSOP, J., Great Harwood (a,b,c,d)
- NG Moong-Szu, South Kensington (a,b,c,d)
- PARTRIDGE, M. J., Fleckney (a,b,c,d)
- POWDRL, R. G., Leicester (a,b,c,d)
- QUANTRILL, B., Peterborough (a,b,c,d)
- REED, C. L., Leicester (a,c)
- REES, Anthea V., Manchester (a,b,c,d)
- RICHARDSON, R., Barnsley (a,b,c,d)
- RILEY, A. H., Tunstall (a,b,c,d)
- SHAH, Anil K. M., Leicester (a,b,c,d)
- SHAH, Mahendra K. M. D., Leicester (a,b,c,d)
- SHAH, Manherlal K., West Norwood (a,b,d)
- SHAH, Nalin R., Sunderland (a)
- SHAH, Popatil S., Leicester (a,b,c,d)
- SHEPHERD, G. C., Wellington (a,b,c,d)
- SMITH, M. S., Sheffield (a,b,c)
- SMYTH, J. K., Stony Stratford (c,d)
- STANIER, Ellen, Wolstanton (a,b,c,d)
- STOVIN, Marian K., Gedling (a,b,c,d)

- SWIFT, Shirley J., Sheffield (a,b,c,d)
- THOW, Angela M., Aberdeen (c,d)

- TURNER, B. F., Wolverhampton (a,b,c,d)
- TWEMLOW, G., Welford (a,b,d)
- WELHAM-JONES, M. B., Oxford (a,b,c,d)
- WHEATER, Elizabeth A., Luton (a,b,c,d)
- WHITTAKER, H. C., Leicester (a,b,c,d)
- WINGATE, Carol M., Edgware (a,b,c,d)

LIVERPOOL

- ABRAHAMS, S. J., Whitefield (b)
- ASHLEY, Geraldine D., Liverpool (a,b,c,d)
- AYRES, A. W., Southport (a,b,c,d)
- BELDON, D. M., Liverpool (a,b,c)
- BURROW, Anita F., Liverpool (a,b,c,d)
- CLITHEROW, J. R., Liverpool (a,b,c,d)
- COHEN, Susan S., Liverpool (c,d)
- DAVIES, G. B., Great Budworth (a,b,c,d)
- DAVIES, Kathleen J., Heswall (a,b,c,d)
- DUFFY, H. S. G., Maghull (a, b, d)
- FAIRLIE, P., Blackpool (a,b,c,d)
- GRIFFITHS, I. S., Leasowe (b,d)
- HALLIDAY, Lesley J., Upton (a,b,c,d)
- HARRISON, Patricia S. B., Newport (a,b,c,d)
- JOHNSTON, Hilary E., Birkenhead (a,b,c,d)
- JOSEPH, G. H., Liverpool (a,b,c,d)
- HOCKING, S. I., Prestwich (a,b,c,d)
- KNELLER, D. L., Wallasey (c)
- LAPPIN, P. H., Liverpool (a,b,c,d)
- MCLEAN, Marilyn, Galdy (a,b,c,d)
- OVENALL, Sylvia, Liverpool (a,b,c,d)
- PLATT, H., East Didsbury (a,b,c,d)
- RAY, Janet, St. Helens (a,b,c,d)
- REES, T. W., Ruthin (a,b,c,d)
- ROOTS, Jennifer A., Pensby (a,b,d)
- SCRAGG, P., Widnes (a,b,c,d)
- SLINN, J. A., Southport (a,b,d)
- SPENCER, Susan, Liverpool (a,b,c,d)
- STEINBERG, Rosemary, Liverpool (a,b,c,d)
- THOMAS, S., Liverpool (b,c)
- WOODCOCK, A. H., Southport (a,b,c,d)

PORTRUSH

- BENTON, Valerie P., Southsea (a,b,c,d)
- BILLS, D. M., Stourbridge (a,b,c,d)
- BOWEN, R. M., Woodford Wells (a,b,c,d)
- BREBNER, R. N., Gosport (a)
- BRICK, S. I., Finsbury Park (d)
- BROOKS, D. M. S., Eastbourne (a,b,d)
- BROWN, Shirley A., Waterloo (a)
- DANIELS, Valerie M., Dereham (a,b,c,d)
- Edmond, B. D., Wembley Park (a,b,c,d)
- FRY, Margaret, Newport (a,b,c,d)
- GREENWOOD, S. R., Leeds (a,b,c,d)

- GRIFFEY, W. S., Berkeley (a,b,c,d)
- HILLMAN, Mary D., Edgbaston (a,b,c,d)
- HOW, M. J., Southsea (a,b,c,d)
- JOHN, Olufemi O., Southampton (a,b,c,d)

- JONES, Glenys D., Southsea (a,b,c,d)
- LAFFORD, Mary P., Wallington (a,b,c,d)
- MARSHALL, J., Portsmouth (a,b,c,d)
- MAUNDER, Patricia A., Southampton (a,b,c,d)
- MORRIS, P. D., Wolverhampton (a,b,c,d)

- PATEL, Ghanshyambhai J., Pagniton (b,c,d)
- PHILLIPS, I., Southsea (a,b,c,d)
- PORTELLY, Sheila A., Brighton (a,b,c,d)
- SHARPE, Francis D., Poole (b)
- SHousha, J. F., South Kensington (b,c)
- SILVEY, Maureen A., Iver (a,b,c,d)
- SIMPSON, Kay, Portsmouth (a,b,c,d)
- STONEHAM, Elisabeth C., Moreton-in-Marsh (a,b,c,d)
- WATKINSON, Elisabeth, Steyning (a,b,c,d)
- WATSON, D. W., Colchester (a,b,c,d)
- WHITE, M. R. B., Bristol (a,b)
- WIGGIN, P. N., Ipswich (a,b,c,d)
- WILD, R., Wimborne (a,b,c,d)
- WOODHOUSE, R. J., Blackheath (a,b,c,d)

SUNDERLAND

- ADAMSON, J., Murton Seaham (a,b,c,d)
- ADDLEMAN, D. S., Leeds (c,d)
- AROLE, N. O. A., Sunderland (a,c,d)
- ASSAD, A. M., Sunderland (d)
- BAKER, L. S. R., Hull (a)
- BORNO, I. H., Sunderland (b,d)
- BRADLEY, R. K., Consett (a,b,c,d)
- BRIERLEY, B., Sunderland (a,b,c,d)
- BROOK, Marilyn, West Hartlepool (c)
- BROWN, Gillian, Eltham (a,b,c,d)
- BROWN, W. M., Nuneaton (a,b,c,d)
- BURNHOPE, G. A., Peterlee (a)
- CAPSTICK, Ailsa T., Wallsend (a,b,c,d)
- CARRICK, Eva S., Whitley Bay (d)
- CLOUGH, H. D., Wigan (a,b,c,d)
- COPLAND, N. A. McN., Sunderland (a,b,c,d)
- DARSLEY, Lynn M., Gosforth (b,c,d)
- DAVISON, A. M., Newcastle (a,b)
- DICKINSON, A., Barton-on-Humber (b)
- DILWORTH, A. P., Sunderland (a,b,c,d)
- DOBBS, D. E., Hull (b,c,d)
- DODDS, Judith, Heaton (a,b,c,d)
- ESMAIL, H. M., Sunderland (c,d)
- FERROL, Sheila, Newcastle upon Tyne (a,b,c,d)
- FINNEY, I. D., Middlewich (a,b)
- FLETCHER, J. G., Washington (a)
- FLETCHER, Olumuyiwa D., Sunderland (a,b,c,d)
- FORREST, R. S., Sunderland (a)
- GEE, R. M., Sunderland (a,b,c,d)
- GRUBB, E. S., Farringdon (a,b,c,d)
- GWILLIAM, D., Rochdale (a,b,c,d)
- HANSON, Yvonne, Ryton (a,b,c,d)
- HAYNES, M. J. W., Sunderland (a,b)
- HICKS, P. G., Rustington (d)
- HILL, K. R., Sunderland (a,b,c,d)
- HUSSAIN, A. A., Sunderland (b)

HUSSAIN, M. M. A., Sunderland (d)
 IQBAL, M., Glasgow (d)
 JACQUES, Beryl J., Boldon Colliery (a,b,c,d)
 JONES, Christine C., Sunderland (a,b,c,d)
 LEVIN, V., Leeds (a,b,c,d)
 LEVY, M. M., Sunderland (a,c,d)
 LIDDLE, J. F., Durham (d)
 LIVOCK, J. H., Sunderland (a,b,c,d)
 LOBLEY, C. S., Sunderland (a,b,d)
 LODGE, Judith M., Whitley Bay (a,b,c,d)
 LONGSTAFF, Judith J., Barnard Castle (a,b,c,d)
 LOWE, P. B., Whitley Bay (a)
 MURPHY, P. F., Liverpool (a,b,c,d)
 NEWTON, P. J. I., Rothwell (a,c,d)
 OCERO, H. M. N., Knightsbridge (a,b,d)
 ODUMODU, J. O., Sunderland (d)
 OLADEINDE, Patience O., Marylebone (d)
 OTTERSON, J., Sunderland (a,b,c,d)
 PARASKEVAS, J. A., Sunderland (a,d)
 PATEL, H. I., Newcastle upon Tyne (a)
 PATEL, Mahesh B. C., Sunderland (c)
 PATEL, Nirmala, Sunderland (d)
 PATEL, Rajnikant D., Sunderland (a)
 PATEL, Ramanlal B., Sunderland (d)
 PEACE, J. M., Ashington (a,b,c,d)
 RAWLINGS, R. M., Sunderland (a,b,c,d)
 RAWSTRON, E. W. F., Rossendale (a,b,c,d)

RAYNER, D. M., Blackburn (a,b,c,d)
 ROBERTSON, J. W., South Shields (a,b,c,d)
 RUPARELLI, Chandulal H., Sunderland (b,d)
 SENDALL, P., West Boldon (a,c,d)
 SCOTT, I. M., South Shields (a,b,c,d)
 SHAH, Babulal N. V., Golders Green (a,d)
 SHARIFF, M. S., Sunderland (d)
 SHUKLA, Jagjit S., Hull (a)
 SHIWUDLA, Olaoye A., Sunderland (a,c,d)
 TAYLOR, G. G., Stanley (a,b,c,d)
 TAYLOR, G. H. C., Colwyn Bay (a,b,d)
 TEBAY, D. A., Ambleside (a,b,c,d)
 THAMBIAL, S. V., Stamford Hill (b)
 WAITS, D., Bury (a,b,c,d)
 WHITE, J., Bristol (b)
 YOUNG, D., Ashington (a,b,c,d)

EDINBURGH

AITKENHEAD, Julia A. M., Wick (a,b,c)
 ALLEN, J. C., Glasgow (a,b,c,d)
 ARMSTRONG, Elisabeth N., Edinburgh (a,b,c,d)
 BAVALIA, Jagdishchandra M., Edinburgh (b,c,d)
 BLOUNT, N. G., Dumfries (d)
 CAMPBELL, Dorothy H., Edinburgh (a,b)
 CHRISTIE, Sally G., Edinburgh (a,b,c,d)
 CONNET, Pamela A., Edinburgh (a,b,c,d)
 CRAWFORD, Isobel A. P., Shotts (a,b,c,d)
 CUMMING, Margaret M., Edinburgh (a,c,d)

FAIRGRAVE, P. S., East Lothian (a,b,c,d)
 FERGUSON, Evelyn M., Edinburgh (a,b,c,d)
 FRATER, Moira H., Galashiels (a,b,c,d)
 GOUDIE, W. W., New Cumnock (a,b,c,d)
 GREEN, Anne F., Edinburgh (a,b,c,d)
 HENDERSON, T. A., Dunoon (d)
 HILTON, P. F., Newton-le-Willows (c,d)
 HOWIE, Eleanor I., Edinburgh (a,b,c,d)
 HUME, A. G., Dunfermline (a,b,c,d)
 LAIRD, Hazel I., Alyth (a,b,c,d)
 MCGHIE, Helen C., Edinburgh (a,b,c)
 MCGREGOR, R. A., Menstrie (b,c,d)
 MACKENZIE, Isobel M., Forres (a,b,c,d)
 MACKENZIE, Sheila M., Edinburgh (a,b,c,d)
 MACKINNON, E. C., by West Calder (a,b,c,d)
 MENTIPPLY, A. W., Kirkcaldy (a,b,c,d)
 MENZIES, Caroline A., Edinburgh (a,b,c,d)
 MILLIGAN, J. G., Sanquhar (a,b,c,d)
 OMNIABOHS, F. E., Edinburgh (d)
 ORR, Elizabeth H., Currie (a,b)
 PEDEN, Mary A. K., Whitburn (a,b,c,d)
 RITCHIE, Margaret E., Edinburgh (a,d)
 ROSS, A. M. M., Edinburgh (a)
 SMITH, Patricia J. E., Edinburgh (a,b,c,d)

STEVENSON, R. S., Penicuik (b,c,d)
 STEWART, Myra E., Penicuik (a,b,c,d)
 TAYLOR, D. W., Rosyth (a,b,d)
 THORBURN, Kathryn A., Melrose (a,b,c,d)
 TULLOCH, Moira S., Fairmilehead (a,b,c,d)
 WATKINSON, Veronica H., Leeds (a,b,c,d)
 WILLIAMSON, Sheila E., Edinburgh (a,b,c,d)
 YEAMAN, Willa L., Edinburgh (a,b)
 YOUNG, Joyce H., Brechin (a,b,c,d)

ABERDEEN

ANDERSON, J. D., Aberdeen (b,c,d)
 AYTON, Louise E., Brechin (a,b,c)
 BAKHAI, Indrakumar A., Hove (a,b,c,d)
 BROWN, I. S., Perth (d)
 CHAPMAN, Suzanne G., Helensburgh (a,b,c,d)
 DAVIDSON, J., Aberdeen (d)
 GORDON, R., Aberdeen (d)
 HOURSTON, Elizabeth L., Orkney (a,b,c,d)
 JAPPY, B. M., Torry (a,b,c,d)
 LAWRENCE, Norma M., Aberdeen (a,b,c,d)
 LUMSDEN, I., Crewe (a,b,c,d)
 MOORE, W. D., Shetland (a,b,c,d)
 SINCLAIR, D. W., Cupar (a,b,d)
 STEWART, Maureen E. W., Aberdeen (a,b,c,d)
 WATSON, A., Drumoak (a,b,c,d)
 WATSON, Helen M., Tain (a,b,c,d)
 WALKER, Alison S. W., Aberdeen (a,b,c,d)

ALKALI INSPECTOR'S REPORT FOR 1966

Economic conditions affect progress against air pollution

"AIR pollution control does not head the list of industrial priorities and at times of financial stringency, such as the country is at present experiencing, the response to our requirements is not always as enthusiastic as we would wish," says the chief inspector of alkali, etc., works in England and Wales in his report for 1966 (H.M. Stationery Office, price 7s. 6d.). The inspector adds that almost all sections of industry have been affected by the "squeeze" but some weaker elements have been so badly hit as to have been forced to close down. "It is within this restrictive framework that we have had to pursue our task of getting industry to spend money on mainly unremunerative items of air pollution control." He warns, however, that there can be no question of accepting a lower standard of waste gas treatment because of present financial troubles.

A Simple Control Test

The report describes a simple control test for the determination of concentrations of fine particles in waste gas streams where isokinetic sampling is not essential. A calibrated Fletcher's aspirator is used to draw a sample of waste gas through a glass tube packed with a suitable type of cotton or glass wool. The tube is weighed before and after sampling and if necessary the contents can be either washed out or titrated or dried to constant weight. The method is capable of being

adapted for the testing of a wide variety of mist and fume emissions.

Production of Hydrochloric Acid

Production in England and Wales of hydrochloric acid came from six works operating the alkali process, from seven where synthetic acid is made from hydrogen and chlorine, and from thirty-one where it is recovered as a by-product. Three lead chamber, sulphuric acid works closed down in 1966 leaving fourteen works registered at the end of the year. Forty-one works are registered for the contact process. Nine works are registered to produce nitric acid and seven works to recover the acid as a by-product. Large new plants were commissioned during the year and others were being built or planned. In reporting on chlorine and bromine works the inspector says that following serious escapes of phosgene and chlorine in 1965 improved phosgene safeguards were introduced and there have been no more incidents. There was, however, a heavy emission of chlorine when a valve failed and some damage to vegetation was caused in nearby gardens. The inspector reports that major troubles and breakdowns at the Portishead works of Albright & Wilson (Mfg.), Ltd., where the company plans to concentrate phosphorus production, have prevented smooth operation of the plant and "an uphill struggle looms ahead."

The chief inspector for Scotland stresses the need for reliability in per-

formance of dust arrestment plant—"increases in maximum arrestment efficiency accompanied by loss in general reliability are just not worthwhile," he says. "While electrostatic precipitation rightly stands high as a means of controlling dust emission, our measurements of actual performance show that regular attainment of rated performance must not be presumed. Electrostatic precipitators can stray from their rated performance without any obvious indication on the instruments guiding the operators in control of them. In absence of actual emission measurements, the first definite indication of anything amiss may be complaint from the public." Measurements on other high efficiency arrestors, such as bag filters and Venturi scrubbers, have generally confirmed their performance in practice but the number of measurements has been small. A larger number of measurements on cyclone-type dust arrestors show them to possess good reliability in performance. Failure to empty hoppers is the most common operational failure.

N.H.S. STATISTICS

In SOUTH-WEST LONDON and SURREY forty dispensing doctors were included in the Council's Medical List on January 1. Amount paid to dispensing doctors during the year ended March 31 was £68,580. At March 31 the Pharmaceutical List comprised 519 pharmacies, four drug stores and ninety-three surgical appliance suppliers.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 434.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

ARLEF 100 Kapsels

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Flesh coloured opaque capsule (size No. 3) with an orange band. Each contains 100 mgm. of flufenamic acid.

INDICATIONS: Anti-inflammatory analgesic for the relief of pain in rheumatic conditions.

CONTRAINDICATIONS: Contraindicated in patients with ulcerative lesions of the gastro-intestinal tract; during pregnancy and lactation.

DOSAGE: Four to six Kapsels (400 to 600 mgm.) daily given orally in divided doses, preferably with food. Satisfactory therapeutic results may be obtained in certain patients with maintenance doses as low as three Kapsels (300 mgm.) per day. For individuals weighing less than 45 kilos or 100 lbs., dosage should be calculated on the basis of 10 mgm. per kilo body-weight daily. Should not be given to children 14 years of age or under until a paediatric dosage has been established.

NOTES: If gastro-intestinal upsets occur, including diarrhoea, the dose may be reduced by one-half; if signs and symptoms do not subside, the drug may need to be discontinued.

PACKS: Containers of fifty and 250.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Two-colour, hard, D8, D8, 20/32, E1, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

C E L O N T I N Kapsels

MANUFACTURER: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Yellow tinted Kapsel capsules with orange band each containing 300 mgm. of methsuximide.

INDICATIONS: Control of temporal lobe epilepsy and petit mal seizures.

DOSAGE: Optimum dosage must be determined by trial. A suggested dosage schedule is 300 mgm. per day for the first week. If required, daily dosage may be increased thereafter at weekly intervals by 300 mgm. to a daily dosage of 1,200 mgm.

SIDE EFFECTS: Drowsiness, ataxia, dizziness, rash and gastric intolerance have been reported. These were usually transitory and disappeared spontaneously or after reduction of dosage.

SHELF LIFE: At least four years if stored in a cool, dry place.

PACK: Bottle of 100.

SUPPLY RESTRICTIONS: P.I., recommended on prescription only.

FIRST ISSUED: July 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Two-colour, hard, C3, C3, 23/32, F1, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

D U O G A S T R O N E capsules

MANUFACTURER: Berk Pharmaceuticals, Ltd., Catteshall Lane, Godalming, Surrey.

DESCRIPTION: Clear capsules each containing 50 mgm. of carbenoxolone sodium.

INDICATIONS: Duodenal ulcer.

DOSAGE: One capsule should be swallowed whole with fluid four times daily, fifteen to thirty minutes before meals. Treatment should normally be continued for six weeks, or until the ulcer has healed.

PRECAUTIONS: Care should be exercised in the treatment of patients with renal and/or cardiac insufficiency and in elderly patients.

NOTES: The capsule is designed to release the active substance at the site of the ulcer.

PACK: Container of twenty-eight capsules.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: July 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: Clear, 36/32, H, Ob, —, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

F E R F O L I C S V tablets

MANUFACTURER: Agroplin, Ltd., 200 High Street, Prestatyn, Flintshire.

DESCRIPTION: Mauve, sugar-coated tablets, each containing 5 mgm. of folic acid, 250 mgm. of ferrous gluconate and 10 mgm. of ascorbic acid.

INDICATIONS: Anaemias associated with folic acid deficiency.

DOSAGE: One tablet three times a day.

STORAGE: Should be stored in a cool, dry place.

PACKS: Containers of 100 and 1,000.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: C7, 13/32, C, R, Cv/Cv, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

F E R F O L I C M tablets

MANUFACTURERS: Agroplin, Ltd., 200 High Street, Prestatyn, Flintshire.

DESCRIPTION: Black, sugar-coated tablets, each containing 100 mgm. of folic acid, 250 mgm. of ferrous gluconate, and 10 mgm. of ascorbic acid.

INDICATIONS: Prevention of anaemias of pregnancy.

DOSAGE: One or two tablets three times a day.

STORAGE: Should be stored in a cool, dry place.

PACKS: Containers of 100 and 1,000.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: June 1967.

PLACING ON C & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: G12, 13/32, C, R, Cv/Cv, —, —.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, August 5, 1967

C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE

New products

ARLEF 100 Kapsels: Two-colour, hard, D8, D8, 20/32, E1, —.

BRADILAN tablets: G11, 15/32, C, R, Cv/Cv, —, —.

BRINALDIX tablets: White, 10/32, P, R, F/F, —, 285/—.

CAFADOL tablets: C3, 16/32, P, R, F/F, B2, N/—.

CELONTIN Kapsels: Two-colour, hard, C3, C3, 23/32, F1, —.

DUOGASTRONE capsules: Clear, 36/32, H, Ob, —, —, —.

FERFOLIC M tablets: G12, 13/32, C, R, Cv/Cv, —, —.

FERFOLIC SV tablets: C7, 13/32, C, R, Cv/Cv, —, —.

FEROMYN-S with folic acid tablets: B7, 12/32, C, R, Cv/Cv, —, —.

MANDRAX capsules: Two-colour, hard, C6, D5, 22/32, —, 382.

Products changed in appearance

BUSCOPAN 10 mgm. tablets: White, 9/32, C, R, Cv/Cv, —, 371/—.

DUROMINE 15 mgm. capsules: Two-colour, hard, E13, B12, 20/32, —, 383.

DUROMINE 30 mgm. capsules: Two-colour, hard, A1, B12, 20/32, —, 383.

DUROPHET 7½ mgm. capsules: White, 19/32, H, Ob, —, —, 383.

DUROPHET 12½ mgm. capsules: Two-colour, G12, White, 19/32, —, 383.

DUROPHET 20 mgm. capsules: G12, 19/32, Ob, —, —, 383.

DUROPHET-M 12½ mgm. capsules: Two-colour, hard, B9, B4, 24/32, —, 383.

DUROPHET-M 20 mgm. capsules: Two-colour, hard, B9, B1, 24/32, —, 383.

ENTACYL tablets: B.D.H. code EA.

ENTERO-VIOFORM tablets: C10, 13/32, P, R, F/F, B2, 384.

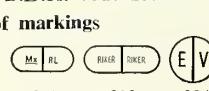
MEPILIN tablets: B.D.H. code MG.

MYANESIN tablets: B.D.H. code MT.

PERSANTIN 25 mgm. tablets: G1, 7/32, C, R, Cv/Cv, —, 371/—.

SOL-TERCIN tablets: B.D.H. code SJ.

Additions to table of markings



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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are augmented before wholesale dealers receive the goods into stock.

LONDON, AUGUST 2: Quiet and easy conditions continued in the CRUDE DRUGS market during the week. PERU BALSAM was down threepence per lb. in both positions. TURMERIC for shipment fell 2s. 6d. per cwt. while offers of Canadian SENEGA from origin fell by another 1s. 6d. per lb. PEPPERS continued their downward trend and the price range of RHUBARB was cut by 2s. per lb. Dearer were DANDELION ROOT by 10s. per cwt. and some grades of Tinnevelly SENNA LEAVES and PODS. Peruvian silver-grey COCHINEAL was sixpence per lb. dearer. In-bond Brazilian MENTHOL was available on the spot at 28s. 6d. per lb. against 29s. previously. A report from Brazil puts the menthol crop at 1,100 tons together with 1,200 dementholised oil. Most of the crop was said to have been sold and that there would therefore be little to carry forward to the next season.

In ESSENTIAL OILS, Madagascar CLOVE LEAF was threepence per lb. up for in-bond material. Shipment rates adjusted upwards included Formosan CITRONELLA (by threepence per lb.) and LEMONGRASS (up sixpence per kilo). BOIS DE ROSE was sixpence per lb. easier.

One major manufacturer of CITRATES increased the price of the POTASSIUM and SODIUM salts to take account of the higher CITRIC ACID prices ruling since July 1. Sodium citrate is now listed at £252 per metric ton for 50-kilo lots to £238 for one metric ton, while the sodium salt is from £265 to £251. Other makers of citrates are expected to follow the price lead. Recent increases in costs of other raw materials, for example, GLYCERIN and PETROLEUM are likely to affect several other PHARMACEUTICAL CHEMICALS in the near future. A world wide shortage of top grade YEAST, suitable for processing into dried yeast and yeast extract is reported. One supplier has notified increases of approximately 7½ per cent. as from August 1.

Pharmaceutical Chemicals

ACETANILIDE.—Crystals, 1-cwt. lots, 3s. 6d. per lb.; 5-cwt., 3s. 5d.

BRUCINE.—(Per oz.) SULPHATE, 100-oz., 14s. 6d.; 1,000 oz., 12s.; 10,000 oz., 9s.; 20,000 oz., 8s. ALKALOID for same quantities, 17s., 14s. 9d., 11s. 9d. and 10s. 9d.

CAFFEINE.—HYDRATE in 50-kilo lots and over, 25s. 3d. per kilo; CITRATE, 20s. 11d.

CARMINE.—1-cwt. lots 180s. per lb.

CHLOROPHYLL.—Water soluble, 100 per cent. (medicinal grade), 250s. per lb.; oil soluble, 25s. per lb.

CHLORPHENESIN.—50-kilo lots are 72s. 6d. per kilo.

POTASH SULPHURATED.—B.P.C., 1959, 8s. 2d. per kilo in 50-kilo drums.

POTASSIUM ACETATE.—(Per lb.) 1-cwt. lots, 3s.; 5-cwt., 2s. 8d.; 10-cwt., 2s. 6d.

POTASSIUM BICARBONATE.—B.P. powder, 110s. per cwt. 1-4 cwt. lots and 105s. per cwt. for 5-cwt and over.

POTASSIUM CARBONATE.—50-kilo kegs 6s. 1d. per kilo.

POTASSIUM CHLORIDE.—Pure 50-kilo sacks, 3s. 7d. per kilo.

POTASSIUM HYDROXIDE.—Pellets, B.P. 9s. 6d. per kilo; sticks, 15s. 5d.; technical flake, 4s. All 50-kilo lots.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE.—1-kilo lots are 55s.

POTASSIUM NITRATE.—Pure in 50-kilo sacks, 2s. 1d. per kilo.

POTASSIUM PERMANGANATE.—B.P. in 1-cwt. lots, 2s. 0½d. per lb. Technical, 218s. 6d. per cwt.; 1-ton lots, quoted at 207s. per cwt.

POTASSIUM PHOSPHATE.—B.P.C. 1949, 50-kilo kegs of powder, 8s. 4d. per kilo, GRANULAR, 8s. 10d.

POTASSIUM QUADROXALATE.—1-cwt. 3s. 6d. per lb.

POTASSIUM SULPHATE.—B.P.C. '49, 1s. 2d. per lb.

POTASSIUM THIOCYANATE.—50-kilo lots, 11s. 6d. per kilo in kegs.

ZINC CARBONATE.—25-kilo lots, 4s. 7d. per kilo.

ZINC CHLORIDE.—B.P.C. 1959, sticks, 19s. 2d. per kilo.

ZINC OXIDE.—2-ton lots, B.P. grade, are now £131 10s. per ton; 1 ton, £132 10s.

ZINC PEROXIDE.—1-cwt. lots of B.P., 5s. 3d. per lb.

ZINC SULPHATE.—B.P., 50 kilos, 3s. 6½d. per kilo.

Crude Drugs

BALSAMS.—(per lb.): CANADA: 36s. 6d., spot, 34s., c.i.f., new crop. COPAIBA: B.P.C. spot, 11s. 6d.; shipment, 6s. 6d., c.i.f.; PERU: spot, 12s. 6d.; shipment, 11s. 6d., c.i.f.; TOLU: B.P., 12s. 6d.

CARDAMOMS.—(per lb.). Alleppy greens, 18s., spot; shipment, 16s., c.i.f. Prime seed, spot, 32s. 6d.; shipment, 29s. 6d., c.i.f.

CINNAMON.—BARK, Seychelles, 160s. cwt. spot; shipment, 127s. 6d., c.i.f.; Ceylon QUILLS for shipment, five 0's, 10s. 11d. lb.; three 0's, 10s. 3d.; seconds, 8s.; quillings, 4s. 9d., all c.i.f.

DANDELION.—Root is 175s. per cwt., spot, September-October shipment, 165s., c.i.f.

GINGER.—(per cwt.). Nigerian split, 100s. spot; Africa, 155s. Jamaican No. 3, 250s.; Cochin, 200s.

GUM ACACIA.—Kordofan cleaned sorts, 260s. per cwt., spot; shipment, 216s., c.i.f.

HONEY.—(per cwt., ex store). Australian light amber, 132s. 6d. to 137s. 6d.; and medium amber, 115s. to 120s. Argentine, 122s. 6d. to 127s. 6d.; Canadian, 172s. 6d. to 175s.; Mexican, 115s. to 120s.; Chinese, 85s. to 100s.

LEMON PEEL.—Spot, partially extracted, 1s. 3d. lb.; unextracted for shipment, 2s. 6d.

MACE.—No. 1 broken, for shipment, 12s. 3d. lb., c.i.f.

MENTHOL.—(Per lb.). Chinese, September-October shipment, 30s. 6d., c.i.f.; spot, 32s. 6d. in bond. Brazilian for shipment, 27s. 9d., c.i.f.; spot, 28s. 6d. in bond.

NUTMEGS.—(Per lb.). West Indian, spot, sound unsorted, 5s. 9d.; shipment: 110s., 6s. 6d., 80's, 7s. 6d.; defectives, 3s. 6d., all c.i.f.

PEPPER.—White Sarawak, spot, 2s. 11d. (2s. 9½d., c.i.f.); Black Sarawak, 2s. 0½d., c.i.f. Black Malabar, 295s. per cwt. c.i.f., Brazilian black No. 1, 2s. 9d. lb. duty paid.

RHUBARB.—Various grades offered at from 10s. to 25s. per lb. spot.

SEEDS.—(Per cwt.)—**ANISE.**—Cyprian, 237s. 6d., c.i.f. **CARAWAY.**—Dutch, 145s., spot. **CELERY.**—Indian, 165s. spot; new crop, July-August shipment 152s. 6d., c.i.f. **CORIANDER.**—Spot, Moroccan, 105s., duty paid; shipment Moroccan, 83s., c.i.f. Rumanian whole, 80s., c.i.f. **CUMIN.**—Spot, Cyprian, 250s., Indian, 250s., Iranian, 215s., duty paid; shipment Cyprian, 235s., Iranian, 160s., both c.i.f. **DILL.**—Indian, 120s., spot; shipment, 97s. 6d., c.i.f. **FENNEL.**—Chinese, 125s., duty paid; Indian, 145s. **FENUGREEK.**—Moroccan, 82s. 6d., duty paid; shipment, 65s., c.i.f. **MUSTARD.**—English, 75s. to 100s. according to quality.

SENEGA.—Canadian, 30s. per lb., landing; shipment, 28s., c.i.f.

SENNA.—(Per lb.). Tinnevelly LEAVES, spot; Prime No. 1, 2s. 3d. nominal; No. 3, f.a.g., 1s. 4½d.; shipment; No. 3, 1s. 3d., c.i.f. PODS: Tinnevelly hand-picked, 2s. 6d. to 2s. 9d.; manufacturing, 1s. 9d., nominal; shipment, 1s. 8d., c.i.f. Alexandria hand-picked spot, 5s. to 7s. with substandard material at lower levels; manufacturing forward, 2s. 1d., c.i.f.; spot, 2s. 6d.

TURMERIC.—Madras finger spot 155s. per cwt.; shipment, 127s. 6d., c.i.f.

WAXES.—(Per cwt.). **BEES'**—Dar-es-Salaam, 812s., c.i.f. **CANDELILLA.** spot, 465s.; forward, 460s., nominal. **CARNAUBA.** fatty grey, spot, 290s. (270s., c.i.f.), prime yellow spot, 410s. (390s., c.i.f.).

Essential and Expressed Oils

ANISE.—Chinese, spot, 11s. 6d. lb.; shipment, 10s. 9d., c.i.f.

BOIS DE ROSE.—Brazilian, spot, 22s. per lb.; shipment, 21s., c.i.f.

CITRONELLA.—Ceylon, spot, 4s. per lb.; shipment, 3s. 9d., c.i.f.; Formosan, 4s. 6d. in bond and 5s., c.i.f.; Chinese, 3s. 10d. in bond; 3s. 8d., c.i.f.

CLOVE.—Madagascar leaf for shipment, 9s. 6d., c.i.f. spot, 9s. 9d. in bond. Rectified, 10s. Distilled bud oil English, B.P., 26s. per lb., for 1-cwt. lots.

CORIANDER.—From 40s. per lb. spot.

CUBER.—Spot supplies of English are 90s. per lb.

CUMIN.—English distilled oil, 125s. per lb. imported, 90s. to 100s.

FENNEL.—Spanish sweet, 16s. per lb., duty paid.

GERANIUM.—Bourbon, 85s.-87s. 6d. lb. spot.

LEMONGRASS.—Spot, 25s. 6d. per kilo sihpmnt, 23s. 9d., c.i.f.

OLIVE.—Spot is from 26s. 6d. to 27s. per gall., in drums, ex wharf.

PALMAROSA.—Spot, 165s. per kilo, c.i.f.; spot, 170s. per kilo.

PATCHOULI.—Spot, 27s. 6d. to 32s. per lb., duty paid; shipment, 22s. 6d. to 24s., c.i.f.

PETIGRAIN.—Paraguay for shipment, 15s. 3d., c.i.f.; spot, 15s. 6d. per lb.

SANDALWOOD.—Mysore, spot, 118s. 6d. lb., East Indian for shipment, 275s. per kilo, c.i.f.

TANGERINE.—Sicilian new crop offers at from 29s. to 33s. per lb.

THYME.—Red, 27s. 6d. per lb., for 45-50 per cent., duty paid.

YLANG YLANG.—Best oil quoted about 135s.

UNITED STATES REPORT

NEW YORK, AUGUST 1: The price of BROMIDES fell one cent per lb. making the POTASSIUM and SODIUM salts each 38 cents, and AMMONIUM, 44 cents. Lower prices for AMMONIA are planned by one maker. CALOMEL powder at \$9·19 lb. was up 94 cents. COPAIBA BALSAM at \$1 to \$1·25 was up from a range of 80-85 cents lb. LOBELIA HERB at 90 cents. was down 45 cents lb and SENECA at \$4·60 down 40 cents.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

"Trade Marks Journal,"
July 19, No. 4638

- For sensitised photographic films (1)**
ROYAL-X, 892,416, by Kodak, Ltd., London, W.C.2.
- For chemical products used in industry (1)**
INDOPEN, 894,170, by Sandoz Products, Ltd., Horsforth, Leeds, Yorks. DEQUEST, 894,390, by Monsanto Co., Creve Coeur, Missouri, U.S.A.
- For chemical products for industrial use (1)**
DEXYXIN, 898,406, by Novo Industri, A/S., Copenhagen, N., Denmark.
- For synthetic aromatic compounds for use in industry (1)**
FOLIAL, VETYROL, SYLVONA, 902,049-51, by May & Baker, Ltd., Dagenham, Essex.
- For aromatic chemicals (1)**
CAROSYL, 902,406, by Proprietary Perfumes, Ltd., Ashford, Kent.
- For chemical substances for use in industry (1) and for pharmaceutical preparations and substances for human and veterinary use (5)**
Device with letters WB, 901,507-08, by Ward, Blenkinsop & Co., Ltd., Wembley, Middlesex.
- For perfumes (3)**
Device with letters DON, B882,503, by Don and Partners, Cheltenham, Glos.
- For preparations for the hair (3)**
MAGNUM, B887,386, by R. Pearson & Co., Embassy, Ltd., Nelson, Lancs. FRENCH OF LONDON BUOYANCE, B891,065, B894,608, by French & Scott, Ltd., London, E.8.
- For perfumed soap; shaving soap, shaving cream, shaving powder, talcum powder for toilet use; toilet water; toothpaste; and brilliantine; all being lime scented or lime flavoured (3)**
WILLIAMS' FROST LIME, 890,771, by James B. Williams Co. (England), Ltd., London, W.1.
- For preparations for washing, waving, setting and colouring the hair, hair lotions, hair creams, hair oils, hair lacquers, non-medicated toilet preparations for treatment of the hair and scalp (3)**
TINO, 896,036, by Cortina Chemicals, Ltd., London, S.E.18.
- For cold-wave solutions for use in hairdressing (3)**
TINOWAVE, TINOFLLO, 896,037-38, by Cortina Chemicals, Ltd., London, S.E.18.
- For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, shampoos, soaps and essential oils (3)**
COUNTESS ISSERLYN, 896,126, by Lanvin-Charles of the Ritz, Inc., New York, U.S.A.
- For detergents (not for use in industrial or manufacturing processes) preparations and substances for laundry use; cleaning, polishing, scouring and abrasive preparations (3) and for deodorants, disinfectants, insecticides, antiseptics, fungicides, and preparations for killing weeds and destroying vermin (5)**
MAGIC HAND, 900,923-24, by Beecham Toiletry Division, Brentford, Middlesex.
- For perfumes, non-medicated toilet preparations, cosmetic preparations and perfumed soap (3)**
RIMMEL No. 3, RIMMEL No. 5, RIMMEL No. 7, RIMMEL No. 9, 900,051, by Rimmel, Ltd., London, W.1.
- For soaps, non-medicated toilet preparations, cosmetics, preparations for the hair and dentifrices (3)**
SOCIALIE, 900,704, by Unilever, Ltd., Port Sunlight, Ches.
- For toilet soaps and non-medicated toilet preparations (3)**
ARABESQUE, 901,775, by Roberts Windsor, Ltd., London, W.1.
- For anti-diarrhoeal preparations, for use on medical prescription (5)**
EXPEDIL, 891,855, by American Cyanamid Co., Wayne, New Jersey, U.S.A.

- For non-medicated toilet preparations, cosmetics and toilet articles (3)**
STRAWBERRY BLUSH, B902,399, by Roux International, Ltd., Artane, Dublin, 5, Eire.
- For non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, shampoos, soaps and essential oils (3)**
Device, 902,014, TOPEXANE, 902,016, by Laboratoire Lachartre, Paris, 12, France.
- For perfumes, perfumed soap, perfumed cosmetic preparations and essential oils (3)**
GLAN, 902,212, by L. Givaudan & Co., S.A., Geneva, Switzerland.
- For perfumes, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, essential oils, non-medicated toilet preparations, shampoos and soaps, but not including preparations used for tinting the hair (3)**
COTY ORIGINALS, 903,727, by Coty (England), Ltd., London, W.1.
- For deodorants, anti-perspirant preparations and breath freshening preparations; medicated preparations for the skin, scalp, gums and mouth (5)**
HUSH, 873,328, by Gillette Co., Boston, Massachusetts, U.S.A.
- For pharmaceutical preparations for veterinary use, sanitary preparations, fungicides, insecticides, weed killing preparations, herbicides and disinfectants, all being products derived from petroleum; none being for export to or sale in Fiji Islands, Cook Islands, Tonga Islands or Samoa Islands (5)**
Device with letters BP, 888,993, by British Petroleum Co., Ltd., London, E.C.2.
- For dietetic food products; and pharmaceutical preparations and substances; all for use in slimming (5)**
DANONE, 890,358, by Daniel Carasso, Paris, 16e, France.
- For medical and surgical plasters, wound dressings, and materials prepared for bandaging (5)**
LEUKOPOR, 891,619, by P. Beiersdorf & Co., A.G., Hamburg, 20, Germany.
- For blackcurrant syrups prepared for making beverages for medicinal purposes (5)**
BLACK VELVIT, 893,348, by C. Robinson & Co., Ltd., Tenbury Wells, Worcestershire.
- For medicaments, chemical products for therapeutic and sanitary purposes, pharmaceutical drugs; medical and surgical plasters and dressings; pesticides, weed killing preparations, disinfectants; and dietetic foods (5)**
LAEVO B+C, 894,139, by Laevosan-Gesellschaft, Chem.-Pharm. Industrie Franck & Dr. Freud, Linz, Austria.
- For medicaments, chemical products for pharmaceutical purposes, pharmaceutical drugs, medical and surgical plasters, material prepared for bandaging, preparations for killing plants and destroying animals, sterilizing compounds and disinfectants (5)**
PENICORT, 894,359, by Gebr. Vermehren, G.m.b.H., Hamburg, Germany.
- For sanitary clothing; medicated wadding, surgical dressings, material prepared for bandaging; sanitary towels and sanitary tampons (5)**
LUXFAB, 894,577, by Luxan Hospital Supplies Co., Oldham, Lancs.
- For veterinary preparations and substances (5)**
HEPTAVAC, 894,968, by International Serum Co., Ltd., London, N.W.7.
- For pharmaceutical substances (5)**
BREVICID, 894,977, by Veb Arzneimittelwerk Dresden, Radebeul, 1, Germany.
- For insect repellent preparations in spray form (5)**
BUZZ-OFF, B895,950, by Stephenson Mills, Ltd., Reading, Berks.
- For pharmaceutical substances and preparations, none being for export from the United Kingdom (5)**
PAXIDORM, 897,053, by Wallace Manufacturing Chemists, Ltd., London, N.W.3.
- For contraceptive drugs (5)**
BIRTROL, 897,099, by Roche Products, Ltd., Welwyn Garden City, Herts.
- For pharmaceutical preparations for use in the treatment of cramp (5)**
CRAMPOL, B897,756, by Dainippon Seiyaku, K.K., Osaka, Japan.
- For medicated preparations for application to the skin, scalp, mouth and teeth; deodorants (5)**
CUNARD, B898,334, by Colgate-Palmolive Co., New York, U.S.A.
- For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; material prepared for bandaging; disinfectants (5)**
INFAL, 898,648, by Fisons Pharmaceuticals, Ltd., Loughborough, Leics.
- For pharmaceutical preparations, all being in tablet form (5)**
FILMOIDE, B899,613, by Societa Farmaceutici Italia, Milan, Italy.
- For medicine for use in the treatment of infections and inflammation of the mouth (5)**
ORALCER, 900,297, by Kartar Singh Lalvani, London, N.W.11.
- For germicidal preparations (5)**
GLANOXOL, 901,157, by Uniglan, Ltd., Nuneaton, Warwickshire.
- For pharmaceutical preparations and substances (5)**
ACTAN PROLONGATUM, 901,451, PARTOCIN I.N., 902,819, by Ferring, AB, Malmo, 9, Sweden. PROTOPAN, 903,431, by Clay & Abraham (Manufacturing), Ltd., Liverpool, 1.
- For X-ray contrast media (5)**
CISTOBIL, 901,594, by Bracco Industria Chimica, S.p.A., Milan, Italy.
- For preparations and substances, and for use in dentistry (5)**
CAULK, B901,774, by Dentists' Supply Co. of New York, New York, U.S.A.
- For disinfectants and bactericidal preparations (5)**
VANTOCIL, 902,333, by Imperial Chemical Industries, Ltd., London, S.W.1.
- For disinfectants and deodorants; insecticides and preparations for killing vermin; all in aerosol form (5)**
CONVAIR, 902,769, by W. B. Cartwright, Ltd., Rawdon, nr. Leeds.
- For pharmaceutical preparations for human use in the treatment of peripheral vascular diseases; all in tablet form (5)**
PERNIL, 902,774, by Crookes Laboratories, Ltd., Basingstoke, Hants.
- For medicated bath preparations and substances (5)**
MEDIBATH, 902,909, by Carter-Wallace, Inc., New York, U.S.A.
- For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; medical and surgical plasters; material prepared for bandaging (5)**
IMFERON TDI, 903,118, by Fisons Pharmaceuticals, Ltd., Loughborough, Leics.
- For infants' and invalids' and dietetic foods (5)**
CERALIC, B903,170, by Dr. A. Wander, S.A., Berne, Switzerland.
- For pharmaceutical products (5)**
TRANXILIUM, 903,288, by Etablissements Clin-Byla, Paris, France.
- For pharmaceutical preparations for veterinary use (5)**
FURAMAS, 903,638, by Walter Gregory & Co., Crawley, Sussex.
- For pharmaceutical products (5)**
BAYCARON, 903,657, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.
- For pharmaceutical and veterinary preparations (5)**
NEO-OCCRYCETIN, 903,719, by Willows Francis, Ltd., Epsom, Surrey and London.
- For pharmaceutical, medical and veterinary preparations for application to the skin (5)**
DERMASPORIN, 903,750, by Wellcome Foundation, Ltd., London, N.W.1.
- For dietetic foodstuffs (5)**
TEVIO, 904,246, by Farbenfabriken Bayer, A.G., Leverkusen, Germany.
- For razors and razor blades (8)**
SCHICK-BAND, B899,529, by Eversharp, Inc., Milford, Connecticut, U.S.A.
- For toothbrushes (21)**
GIBBS, B899,620, by Unilever, Ltd., Port Sunlight, Ches.

"Trade Marks Journal," July 26, No. 4639

For chemical products used in agriculture and horticulture, and artificial manures (1)

TRACEL, B903,634, by John Edward Tomkinson, Pocklington, York.

For creams, brilliantines, toilet soaps, shampoos for the hair, toilet waters, perfumes, hair lacquers and non-medicated hand creams (3)

MARGO'S 007, 860,662, by Sidney Margolis, Ltd., London, S.E.17.

For perfumes, eau-de-Cologne, non-medicated toilet preparations, cosmetics, soaps, essential oils, preparations for the hair and dentifrices (3)

EAU SAUVAGE, 894,154, by Parfums Christian Dior, Paris, 8e, France.

PATENTS**COMPLETE SPECIFICATIONS ACCEPTED BEFORE REGISTRATION**

From the "Official Journal (Patents)"

July 19, 1967

Derivatives of glycyrhetic acid. Biorex Laboratories, Ltd, 1,081,628.

Furan compounds. Shionogi & Co., Ltd, 1,081,647.

Method of preparing solid stable preparations of sensitive active substances. E. Merck, A.G, 1,081,667.

3,3-Bis (p-hydroxyphenyl) oxindole derivatives. Laboratoire Roger Bellon, 1,081,743.

Preparation of slow release fertiliser compositions. Sun Oil Co, 1,081,755.

Derivatives of rifamycin O and S. CIBA, Ltd. and Lepetit, S.p.A, 1,081,757.

Pesticidal compositions. Imperial Chemical Industries, Ltd, 1,081,763.

Oily adjuvants for water-in-oil emulsions of antigenic materials. Wright-Fleming Institute of Microbiology, St. Mary's Hospital Medical School, 1,081,796.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patents Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from September 6.

From the "Official Journal (Patents)"

July 26, 1967

Carbamate esters. Dow Chemical Co, 1,081,806.

Nasal cannula. Brunswick Corporation, 1,081,807.

Sigmoidoscope and illuminating means thereof. Smith Kline & French Laboratories, 1,081,849.

Piperazine derivative. Imperial Chemical Industries, Ltd, 1,081,866.

Analgetic therapeutic treatment appliances. W. Seuss, 1,081,880.

Difluorinated piperazine derivative. Imperial Chemical Industries, Ltd, 1,081,897.

Bile acid derivatives. State of Israel, S. Sarel, Y. Yanuka, and Y. Shalon, 1,081,929.

Steroid butenolides. State of Israel, S. Sarel, Y. Yanuka and Y. Shalon, 1,081,930.

Medical prosthetic devices. R. J. Harvey, 1,082,002.

Fermentation method for the production of 5'-purine nucleotides. Kyowa Hakko Kogyo Co, Ltd, 1,082,071.

Liquid detergent composition. Procter & Gamble, Ltd, 1,082,076.

Prolonged action antigen from whole pollen. Omega Laboratories, Ltd, 1,082,159.

Manufacture of herbicidal materials comprising 4,4'-bipyridylidium diquaternary salts. Imperial Chemical Industries, Ltd, 1,082,205.

Antibiotic medicine. Soc. D'Applications Chimiques D'Etudes et De Recherches, 1,082,206.

Caps for feeding bottles. Benger Laboratories, Ltd, 1,082,208.

Pesticidal compositions for exterminating insects resistant to organic chlorine-containing insecticides. Bombrini Parodi-Delfino, S.p.A, 1,082,285.

3,17 - Disubstituted - 5,6 - dichloroandrostanes. Abbott Laboratories, 1,082,416.

Preparation of penicillanic acid derivatives. American Home Products Corporation, 1,082,427.

Tropane alkaloid derivatives. J. P. M. Raudnitz and H. Wahl, 1,082,445.

Epine derivatives and a process for the manufacture thereof. F. Hoffmann-La Roche & Co, A.G, 1,082,444.

Flavouring compositions. Chas. Pfizer & Co, Inc, 1,082,504.

Preparation of $\Delta^{1,4}$ -keto-steroids. Syntex Corporation, 1,082,508.

Derivatives of aminoacids and peptides. Syntex Corporation, 1,082,524.

Preparations for the treatment of hair. Roussel-Uclaf, 1,082,546.

Preparation of steroid esters. Boots Pure Drug Co, Ltd, 1,082,573-74.

Glass cylinder syringes. Chirana Zavody Zdravotnické Techniky Odborový Podnik, 1,082,585.

Method of and composition for eliminating or reducing helminths in animals. Shell Internationale Research Maatchappij, N.V. 1,082,598.

Therapeutic apparatus for applying hot and/or cold stimulation to skin parts of the human body. M. Okuhara, 1,082,659.

Process for the manufacture of α -nor- β -homosteroids and steroid intermediates therefor. CIBA, Ltd, 1,082,679.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patents Office, 23 Southampton Buildings, Chancery Lane, London W.C.2, from September 6.

NOTES ON NEW MEDICAMENTS

ARLEF 100.—*Chemistry:* N-(α , α ,trifluoro-m-tolyl)anthranilic acid. This compound, also known as flufenamic acid, was developed after the favourable reports of the use of mefenamic acid as an analgesic and anti-inflammatory agent. Mefenamic acid (2,3,5-xylylanthranilic acid) was introduced as a more effective analgesic than aspirin under the brand name Ponstan, but the new compound appears to have increased anti-inflammatory potency. Halogenation increases the potency of many drugs. The new compound is said to be more active, and comparable in anti-inflammatory power with other non-steroidal drugs such as indometacin and phenylbutazone. Studies with radioactive chromium 51 have indicated that the blood loss from the gastro-intestinal tract associated with aspirin is much less likely to occur with flufenamic acid.

CELONTIN. — *Chemistry:* Dimethyl- α -phenylsuccinamide (approved name methsuximide). It is closely related to phenoxsuximide (Milontin) from which it differs only in an additional methyl group attached at the 2-position, and is also related to ethosuximide (α -ethyl- α -methylsuccinimide) where the methyl group is absent from the N-position, and an ethyl group replaces the phenyl group. There is more distant relationship with phenytoin, in that all the compounds have nitrogen-containing 5-membered ring structures and have anticonvulsant properties, though the succinimides form a separate group. Clinically they are chiefly used in the treatment of petit mal when the condition is not controlled by other anticonvulsants. Temporal lobe epilepsy may also respond to treatment with methsuximide, but in common with other succinimide anticonvulsants, it may increase the number of seizures in grand mal, or when the patient suffers from both grand mal and petit mal epilepsy.

WILLS

Mr. A. Y. BARRIE, M.P.S., 35 Camphill Road, Broughty Ferry, Dundee, left personal estate in England and estate in Scotland valued at £188,530.

Mr. J. B. BRAID, Cranford Lodge, 37 Cranford Avenue, Exmouth, Devon, who qualified as a chemist and druggist in 1903, left £10,347 (£10,259 net).

Mr. H. CLEGG, M.P.S., Penstowe, Staddon Road, Holsworthy, Devon, left £28,622 (£28,382 net).

Mr. T. G. COCHRANE, M.P.S., 39 High Street, Dalbeattie, Kirkcudbrightshire, left per-

sonal estate in England and Scotland valued at £23,466.

Mr. C. H. W. GORE, M.P.S., 395 Plains Road, Mapperley, Notts, left £21,829 (£21,718 net).

Mr. G. H. HANKINSON, M.P.S., 12 Faber Gardens, London, N.W.4, left £12,002 (£11,821 net).

Mr. R. MURRAY, M.P.S., Woodvale Avenue, Beardsden, Dunbartonshire, left personal estate in England and estate in Scotland valued at £23,097.

Mr. H. M. REES, F.P.S., 171 Anerley Road, London, S.E.20, left £32,351 (£31,796 net).

Mr. G. H. WILLIAMS, M.P.S., 51 Seven Acres Lane, Norden, Rochdale, Lancs, left £7,419 (£5,676 net).

Mr. J. H. WILLIAMS, M.P.S., 7 Buarth Road, Aberystwyth, Cardiganshire, left £3,900 (£3,839 net).

Mr. A. J. WILSON, M.P.S., 219 Morningside Road, Edinburgh, left personal estate in England and estate in Scotland valued at £40,269.

PRINT AND PUBLICITY**PRESS ADVERTISING**

REXALL DRUG Co., 19 Castle Boulevard, Nottingham: Super Plenamins. In *Daily Mirror*, *Daily Express*, *Daily Record*, *Irish Independent*, *Irish Press*, *Sunday Post* and *Belfast Telegraph*.

PUBLICATIONS**Medical Propaganda**

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists.

BERK PHARMACEUTICALS, LTD., Catteshall Lane, Godalming, Surrey: "Duogastrone" (file card).

BRISTOL LABORATORIES, LTD., Astronaut House, Feitbam, Middlesex: "Bristrex" (8-p booklet).

PARK, DAVIS & CO., Hounslow, Middlesex: "Celontin" (file card).

RIKER LABORATORIES, Loughborough, Leics.: "Dorbanex . . . laxative and faecal softener" (16-p booklet and file card).

ROUSSEL LABORATORIES, LTD., Columbus House, Wembley Park, Middlesex: "Mandrax in capsule form" (4-p. folder).

SCHERING CHEMICALS, LTD., Victoria Way, Burgess Hill, Sussex: "Urovison pyelographic medium" (descriptive booklet).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of week of insertion.

Monday, August 7

INTERNATIONAL GIFT AND FANCY GOODS EXHIBITION, Earls Court, London, S.W.5. Until August 11.

Wednesday, August 9

CHESTERFIELD BRANCH, PHARMACEUTICAL SOCIETY, Chesterfield market place, at 7 p.m. Coach outing.

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY, Ormskirk golf club, Ormskirk, Lancs. Four-ball Stableford competition for Robinson & Sons, Ltd., (Chesterfield) prizes.

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Croham Hurst golf club, Croham Road, South Croydon, at 1 p.m. Stableford competition for Banstead bowl and other prizes.

Courses and Conferences

NATIONAL PHARMACEUTICAL UNION, Majestic hotel, Harrogate, Yorks, on October 15. Meeting for N.P.U. branches in areas N.E. 1, 2 and 3.

SOCIETY OF COSMETIC CHEMISTS, Leamington, Warwickshire, November 13-15. Symposium on manufacturing and processing in the cosmetic industry. Details from Dr. J. J. Mausner, 56 Kingsway, London, W.C.2.

EXECUTIVE COUNCILS' ASSOCIATION (ENGLAND), Torquay, Devon, October 19-20. Annual conference.

Prescribers' Press

What doctors are reading about developments in drugs and treatments

DOXAPRAM hydrochloride has been found the most effective of five respiratory stimulants compared by workers at Leeds Chest Clinic in thirty-two chronic bronchitic patients in acute ventilatory failure. Doxapram is described as a pyrrolodinone derivative and a potent, centrally acting respiratory stimulator. Drugs used for comparison in the double-blind trial were nikethamide, pretheamide, amiphenazole and ethamivan. In reversing hypercapnia and hypoxaemia doxapram seemed the most and nikethamide and pretheamide the least effective. Doxapram was also the least toxic of the drugs. It therefore justifies further study, say the authors (*Lancet*, July 29, p. 226).

[Doxapram is not yet generally available for trial.—EDITOR.]

DIAMORPHINE showed no clearcut advantages over morphine and there was no appreciable difference in toxicities of the two drugs, report workers at Queen's University, Belfast, Northern Ireland, who compared the toxicities of diamorphine, morphine and methadone in women undergoing minor gynaecological operations. In the first 90 minutes after the injection of equianalgesic doses, diamorphine was more sedative than morphine and much more so than methadone. Diamorphine was found, however, to have the earlier onset of action, an effect which the authors agree may be advantageous in the treatment of severe pain. Little difference was found in the ability of the three drugs to relieve apprehension or cause euphoria. All caused dizziness and morphine more vomiting than the other two drugs (*Lancet*, July 29, p. 221).

HETACILLIN generally gives lower blood concentrations than ampicillin and does not have significant new properties, says a worker at St. Thomas's Hospital, London, in a letter to the *B.M.J.* "In the body the newer anti-

biotic is largely converted into ampicillin, and the writer has therefore compared blood levels in a cross-over trial in volunteers using a cup-plate assay method. In only nine instances out of sixty, did the serum concentration after hetacillin administration exceed that following use of ampicillin. Those nine instances were "probably within the range of error of the method." The finding supports that of a recent paper but conflicts with American reports, leading the writer to call for an organisation prepared to carry out or arrange for an objective assessment of conflicting reports on the properties of antibacterial agents (*B.M.J.*, July 29, p. 305).

The effect of pyridoxine hydrochloride in the treatment of radiation sickness resulting from radiotherapy has been investigated at University College Hospital, London, and reported in the *B.M.J.* The authors were unable to detect any significant difference between a low dose (1 mgm. three times a day) and a high dose (50 mgm. three times a day). They conclude that treatment with 1 or 2 mgm. by "radiotherapists who are convinced of its efficacy" gives good results, but are unable to say whether the effect of the low dose would differ from the effect of a placebo (*B.M.J.*, July 22, p. 215).

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical publications.

SPECTROSCOPIC STUDIES of skin *in situ* by attenuated total reflectance. *J. Soc. Cos. Chem.*, July, p. 469.

DIAMORPHINE, MORPHINE, AND METHADONE. Comparative toxicity of. *Lancet*, July 29, p. 221.

A DOUBLE-BLIND TRIAL of five respiratory stimulants in patients in acute ventilatory failure. *Lancet*, July 29, p. 226.

HEPARIN as an analgesic in myocardial infarction; a double-blind trial. *Brit. med. J.*, July 29, p. 279.

METHOTREXATE. Brain tumour chemotherapy with. *J. Amer. med. Ass.*, July 3, p. 15.

PARGYLINE HYDROCHLORIDE poisoning in a child. *J. Amer. med. Ass.*, July 3, p. 57.

STUDIES OF DRUG ACTION. Use of human lymphocytes in. *Nature*, July 29, p. 538.

ETHANOL. Hematuria following administration of. *Science*, July 7, p. 72.

FOOT-ROT in sheep. *Vet. Rec.*, July 29.

NONIONIC SURFACTANTS. Effect of some, on the rate of release of drugs from suppositories. *J. Pharm. Sci.*, July, p. 809.

COMMERCIAL GRISEOFULVIN. Particle size of, with reference to official standards. *J. Pharm. Sci.*, July, p. 838.

RELATIONSHIP between lesion production absorption, and distribution of ¹⁴C-labelled acetylsalicylic acid. *J. Pharm. Sci.*, July, p. 896.

PERITONEAL DIALYSIS cart. *Amer. J. Hosp. Pharm.*, June, p. 323.

ALCOHOL WITHDRAWAL SYNDROMES. Treatments of. *J. Amer. med. Ass.*, July 10, p. 99.

NEW COMPANIES

P.C. = Private Company, R.O. = Registered Office. BROCAPHARM, LTD. (P.C.). Capital £10,000. To carry on the business of manufacturers of and dealers in pharmaceutical and other preparations, etc. Subscribers: Frank Williamson and David B. Robertson, 1 Sejeant's Inn, London, E.C.4.

DELOMERE CHEMISTS, LTD. (P.C.).—Capital £100. Subscribers: Muriel Goldstein, and Brian Goldstein, 25 The Glade, Ilford, Essex.

HALLIDAYS CHEMISTS (AMESBURY), LTD. (P.C.)—Capital £100. To carry on the business of chemists, etc. Directors: James Kent, M.P.S., John M. Crawford, and Eileen K. M. Halliday. R.O.: 64 Salisbury Street, Amesbury, Wilts.

MAURICE VAUGHAN, LTD. (P.C.)—Capital £100. To carry on the business of chemists, druggists, etc. Directors: Maurice Vaughan and Subashchandra C. Patel. R.O.: 22 Whitchurch Lane, Edgware, Middlesex.

QUILTSHERE, LTD. (P.C.) Capital: £100. To carry on the business of chemists, etc. Subscribers: Jean Herbert and Thomas A. Herbert, 71a City Road, London, E.C.1.

STATION PHARMACEUTICALS, LTD. (P.C.). Capital: £100. To carry on the business of manufacturing and wholesale pharmacists, etc. Directors: Mary W. Hawkins and Marjorie Pyle. R.O.: 9 Cumberland Place, Southampton.

STRADMORE CHEMISTS, LTD. (P.C.)—Capital £100. Other details similar to Delomere Chemists, Ltd.

WORLD TRADE

Japanese Camera Sales.—According to the Japan Camera Industry Association, still camera production in 1966 (3,228,000 units) dropped by 17·6 per cent. compared to 1965, but production of 8-mm. cine cameras (993,000 units) showed a 35·1 per cent. increase. On the other hand, exports totalled 2,003,000 units for still cameras and 965,000 units for 8-mm. cine cameras exceeding the 1965 figures by 24·3 per cent. and 37·9 per cent. respectively.

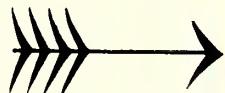
COMMERCIAL TELEVISION

The information given in the table is of number of appearances and total screen time in seconds. Thus 7/105 means that the advertiser's announcement will, during the week covered, be screened seven times and for a total of 105 seconds.

Period—August 13-19

PRODUCT	London	Midland	North	Scotland	Wales & West	South	North-east	Anglia	Ulster	Westward	Border	Grampian	Eireann	Channel Is.
Alka-Seltzer ...	4/120	4/120	4/180	5/150	5/150	5/150	5/150	—	5/150	5/150	4/120	5/150	3/90	5/150
Anadin ...	3/90	2/37	2/60	1/30	2/60	1/30	—	3/67	2/60	—	—	2/60	—	2/60
Andrews liver salt ...	6/90	4/60	3/45	5/75	3/90	1/15	4/60	—	3/45	4/120	4/60	3/45	1/15	2/30
Askit powders and tablets ...	—	—	—	7/49	—	—	—	—	—	—	3/21	2/14	—	—
Bisodol ...	—	—	—	—	3/21	—	—	—	—	—	—	—	—	—
Dettol ...	3/135	3/135	2/90	1/45	1/45	—	—	3/135	—	—	2/90	—	—	3/135
Disprin ...	1/15	3/45	1/15	1/15	2/30	2/30	2/30	4/60	1/15	2/30	2/30	3/45	—	2/30
Haze ...	1/15	1/15	2/30	1/15	2/30	2/30	1/15	2/30	2/30	1/15	1/15	2/30	—	1/15
Horlicks ...	1/30	2/60	2/60	2/60	2/60	2/60	3/90	2/60	3/90	—	3/90	3/90	—	2/60
Immac ...	3/90	1/30	1/30	1/30	4/51	2/60	1/30	1/30	—	—	—	—	—	—
Imperial Leather ...	2/45	2/45	1/15	2/45	4/60	2/45	2/30	4/75	2/45	4/75	3/60	2/45	—	—
Moorland indigestion tablets	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	—
Steradent ...	1/30	1/30	1/30	—	1/30	3/90	5/150	4/120	2/60	1/30	2/60	2/60	—	1/30
Wonder Set ...	—	—	—	—	—	1/15	—	—	—	—	1/15	—	—	—

**If you've never thought
about modernisation,
send this
coupon.**



To: **NORDIA**

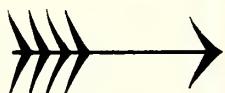
Tell me, without sales talk, what increase in turnover can be achieved by Nordia·ising

NAME:

ADDRESS:

C.D./I/67

**If you have thought about it
but don't know where to start,
send this one.**



To: **NORDIA**

I don't want to disrupt my business or spoil the character of my shop. Tell me how to make modernisation easy.

NAME:

ADDRESS:

C.D./I/67

**If you think it would cost
too much, send this one.**

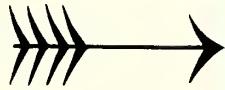


NORDIA

(William Mason & Son Ltd.)

LEEDS: 25 Wellington Street, Leeds 1. Tel: Leeds 35821.

LONDON: Raebarn House, Northolt Road, South Harrow, Middlesex.
Tel: (01) 864 0914.



To: **NORDIA**

Tell me how I can lease new shop-fittings and make them pay dividends.

NAME:

ADDRESS:

C.D./I/67

BLYTHE

FOR CHEMICALS AND SERVICE

"Eagle" Brand Chemicals

PHOTOGRAPHIC CHEMICALS

SODIUM METABISULPHITE

SODIUM HYPOSULPHITE
(Crystals and Anhydrous)

SODIUM SULPHITE
(Crystals and Anhydrous)

EPSOM SALTS B.P.

GLAUBER SALTS B.P.

SULPHUR (Ground and Unground)

ACCUMULATOR ACID

Enquiries invited

WILLIAM BLYTHE & CO., LTD.

HOLLAND BANK CHEMICAL WORKS, CHURCH,
LANCASHIRE

Telex 12346

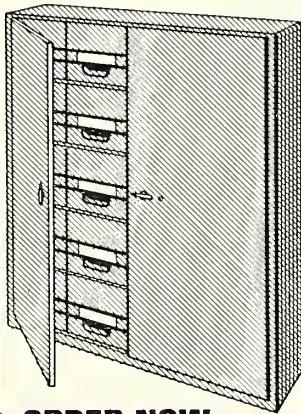
Tel: 32141/3 ACCRINGTON

Grams: BLYCO, ACCRINGTON

KEEP YOUR STOCKS PROTECTED and
in easy reach in the 20 extra-big
drawers of the
20C STOREMASTER DRAWER UNIT

42" high, 35" wide, 12" deep
20 drawers—
each 7" high,
8" wide, 10 $\frac{1}{2}$ " deep—with
identification/index cards.

FOR
£14.15.0
(CARRIAGE FREE
ON MAINLAND)
This unit is available
with double locking
doors for extra
security for an
additional £5.



Send for FREE catalogue of our complete range of storage equipment.

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N.C.BROWN LTD

INDUSTRIAL
SALES DIVISION

pacesetters in storage equipment



Eagle Steelworks, Heywood, Lancs Tel: 69018
London: 25/27 Newton St. WC2. Tel: 01-405-7931
Please send 20C Storemaster Drawer Units
(state no. req.)

NAME _____

ADDRESS _____

C.91

ILODERM

a unique self-sterile Ointment that compares with no other in the treatment of:—

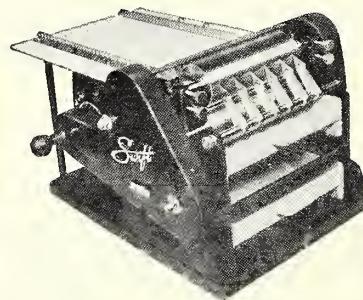
BURNS •
BEDSORES •
IMPETIGO •
NAPKIN RASH •
DERMATITIS •
CRACKED NIPPLES •

Manufactured by:

ILON LABORATORIES

(HAMILTON) LTD.
LORNE STREET, HAMILTON, LANARKSHIRE

Ask your usual wholesale House for supplies



This Swift label gumming machine does everything you would expect a modern machine to do—at HIGH SPEED and without effort.

Faster, faster, that's today's cry. So investigate the speed and clean-cut efficiency of this Swift gumming machine, which applies the precisely correct adhesive to all shapes and types of labels. Fast.

gluing
gumming
strip gumming—
there's a Swift machine for the job

JOHN M. CAMPBELL (SWIFT) LTD.



99 Berkeley Street,
Glasgow C3
Telephone CEN 0607-8

Engineers and Manufacturers to the Printing and Allied Trades

CONSTANTLY ADVERTISED IN WOMEN'S MAGAZINES

A COMPLETE MAKE-UP IN A SINGLE APPLICATION

Velouty POWDER CREAM

PEACH

PLASTIC JARS
Trade 34/- doz.
Retail 5/- each

TUBES No 2
Trade 11/5 doz.
Retail 1/8/- each

TUBES No 3
Trade 18/7 doz.
Retail 2/11 each

In Shades
IVORY
NATURAL OCHRE
PEACH
SUNGOLO
APRICOT
RACHEL

Natural

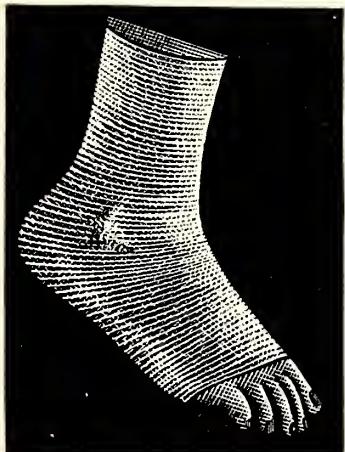
Made in England

Velouty de DIXOR POWDER CREAM

FROM YOUR USUAL WHOLESALER OR DIRECT FROM DIXOR LTD., ST. LEONARD'S ROAD, MORTLAKE, S.W.14.

TUBIGRIP Brit. Pat
840523

Elasticated tubular bandage ($\frac{1}{2}$ yd pack)
N.H.S.



for support
and
rehabilitation

TUBIGRIP elasticated tubular bandages are ideal for a wide range of vital applications including support for weakened muscles and joints, the rehabilitation of limbs after the removal of plaster, the counteraction of many oedematous conditions and those resulting from thrombosis, phlebitis and varicose veins. Ideally suitable for sprains, strains and swellings.

TUBIGRIP is a great improvement on conventional materials as it affords adequate ventilation and does not cause ridging or cutting. It is easy to apply and will remain in position with no adjustment allowing free movement of joints. It washes well with no loss of elasticity.

SIZE 2 $\frac{1}{2}$ " (G4) — for small adult limbs, wrists and ankles
SIZE 3" (G4X) — for adult elbows, arms, medium legs, swollen wrists and swollen ankles

SIZE 4" (G5) — for thighs, larger adult legs and knees

(Tubigrip is also available in one yard or 12yd rolls—not N.H.S.)

• Full descriptive literature is available on request

S P

Bateman-Jackson, Lamb St., Oldham, Lancs. Tel: MEDlock Head 2307
An associate company of Seton Products Ltd. Manufacturers and World Distributors of Specialised Surgical Dressings.

August 5, 1967



CLASSIFIED ADVERTISEMENTS

Address Box Number Replies to: Box...., THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON, W.C.2. Tel.: 01-353 6565
This service does not extend to the forwarding of samples.

APPOINTMENTS — 27/- per $\frac{1}{2}$ " s.c. minimum and pro rata. **AGENTS** — **AUCTION SALES** — **BUSINESSES FOR SALE** and **WANTED** — **CLEARANCES** and **WANTS** — **CONTRACTS** — **MISCELLANEOUS** — **PATENTS** — **PARTNERSHIPS** — **PREMISES** — **PUBLIC and LEGAL NOTICES** — **SITUATIONS VACANT**. Run-on — 4/6 per line (minimum 22/6). Semi-display — £2-14-0 per s.c.i. minimum. Displayed with border rule, larger type faces and blocks — 72/6 per s.c.i. minimum. Reduced rates for one-third, one-half and full pages on application. **SITUATIONS WANTED** — 7/6 per 18 words minimum, then 5d. per word. Use of Box No. — 3/-. Advertisements received by 4 p.m. Tuesday published same week.

BUSINESSES FOR SALE

ORPINGTON. Within busy factory position, turnover (managed) £23,000 p.a. Good photographic demand, good lease, living accommodation and garage. £5,500 plus s.v.v. Excellent prospects for progressive owner Box C 2373.

LANCASHIRE. Growing business on new housing estate. Open three years. Turnover £9,000. Two-bedroomed flat part furnished. Property £4,250. S.A.V. Fixtures and fittings £750. No goodwill for quick sale. Box C 2374.

APPOINTMENTS

CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Chief Pharmacist

Applications are invited for the post of Chief Pharmacist (Category 1) in the Canterbury Group of Hospitals. Post vacant due to promotion of present holder within the Group. Salary £1,128-£1,444 per annum depending on experience.

Duties will include certain specific responsibilities in the Group Pharmaceutical Department at the Kent and Canterbury Hospital (Category V Hospitals).

Full details of the post may be obtained from the Group Pharmacist, Kent, and Canterbury Hospital, Canterbury (Canterbury 66041). Accommodation available for female candidate (single).

Applications to Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury.

C 8046

CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Chief Pharmacist (Category 1)

required immediately for period of 2 months. Salary £27 3s. 6d. per week.

Accommodation available for female candidate (single).

Applications to and full information from the Group Pharmacist, Kent and Canterbury Hospital, Canterbury (Canterbury 66041).

C 8045

CENTRAL MIDDLESEX HOSPITAL Park Royal, N.W.10

Senior Pharmacist

required in above Category Five Hospital. Duties will rotate between Out-Patients and Main Pharmacy with occasional duties in Sterile Solutions Unit. Department which has been re-equipped can be visited by appointment with Chief Pharmacist, tel.: ELGar 5733. Applications, with full particulars of experience and names of two referees to Hospital Secretary.

C 816

CENTRAL MIDDLESEX HOSPITAL Park Royal, N.W.10.

Locum Pharmacist

required at above Category Five Hospital. Salary £25 18s. 6d. per week. Applications to Hospital Secretary immediately. C 815

MILE END HOSPITAL Bancroft Road, London, E.1

Deputy Chief Pharmacist

Applications are invited for the post of deputy chief pharmacist (Category IV) at Mile End Hospital, Whitley Council conditions of service. Further particulars may be obtained from the Chief Pharmacist (Tel.: ADVance 4855). Applications stating age, qualifications, experience and the names of two referees, to the Group Secretary at the above address.

C 8033

NEW BARKING HOSPITAL Upney Lane, Barking, Essex

Senior Pharmacist

required for new department. Barking Hospital is adjacent to Upney District Line Station and within 45 minutes of the West End of London and the East Coast. Salary Scale £1,076-£1,340 p.a. plus London Weighting. Accommodation may be made available if required.

Applications together with the names of two referees to the Group Secretary, King George Hospital, Eastern Avenue, Newbury Park, Ilford, Essex.

C 779

NEW BARKING HOSPITAL Upney Lane, Barking, Essex

Basic Grade Pharmacist

required for this New Hospital adjacent to Upney District Line Station and within 45 minutes of the West End of London and the East Coast. Salary Scale £988-£1,242 p.a. plus London Weighting.

Applications together with the names of two referees to the Group Secretary, King George Hospital, Eastern Avenue, Newbury Park, Ilford, Essex.

C 778

ROYAL FREE HOSPITAL Gray's Inn Road, W.C.1

Senior Pharmacist

Applications are invited for the post of Senior Pharmacist in the Sterile Products Unit at Liverpool Road, Islington, supplying the needs of the whole Group. Salary in accordance with the Whitley Council Scale with extra pay for evening clinics. There is a possibility of accommodation if required. Apply naming two referees to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1. C 7983

ST. ALBANS CITY HOSPITAL St. Albans, Herts.

Locum Tenens Pharmacist

required 4th to 30th September, 1967. Salary £24 9s. 6d. per week. Applications to Hospital Secretary

C 813

ST. ALBANS CITY HOSPITAL St. Albans, Herts.

Senior Pharmacist

(£1,076-£1,340) required in July 1967 at this Category III hospital. Good and varied experience for young Pharmacist. New ward block opening this summer. Applications naming two referees to Chief Pharmacist. C 810

ST. HELENA GROUP HOSPITAL MANAGEMENT COMMITTEE

14 Pope's Lane, Colchester, Essex

Pharmacy Technician I

required based at Essex County Hospital, Colchester. Duties consist principally of the preparation of medicines and dispensing of prescriptions for out-patients and in-patients at hospitals in Colchester and surrounding area. Work will generally be carried out under supervision of a Pharmacist, but successful applicant may be required to work at times without direct supervision away from the main Pharmacy. Qualification required is Certificate of the Society of Apothecaries, the Dispensing Certificate of the R.A.M.C. or the R.A.F., or other equivalent qualification. Salary on the scale £530 to £769 depending on age and experience. Further details from the Group Pharmacist at Essex County Hospital, and application forms from Group Secretary, St. Helena Group H.M.C., 14 Pope's Lane, Colchester, Essex.

C 8050

ST. MARY ABBOTS HOSPITAL Marloes Road, Kensington

Pharmacist (Locum or permanent)

required immediately. Pleasant working conditions in modern department. Hospital conveniently situated near Kensington High Street and Earl's Court. Accommodation available for female applicant. Applications to House Governor, St. Mary Abbots Hospital, Marloes Road, Kensington, W.8. (Enquiries to Chief Pharmacist, Western 8201, Ext. 8.)

C 8049

SHREWSBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Shelton Psychiatric Hospital, Shrewsbury

Chief Pharmacist

Applications are invited from suitably qualified persons for the post of chief pharmacist. Unfurnished house available at moderate rental.

Salary on the scale £1,232 rising by increments to £1,558.

The conditions of service in accordance with the Pharmaceutical Council of the Whitley Council.

Applications, accompanied by the names and addresses of three referees, should be addressed to the Medical Superintendent, Shelton Hospital, Shrewsbury.

C 8031

Appointments—Continued.**SHOTLEY BRIDGE GENERAL HOSPITAL**

Consett, Co. Durham
Category V

Senior Pharmacist

Applications are invited for the appointment of Senior Pharmacist with the particular responsibility for the preparation of sterile products in the group pharmacy department at this hospital.

Salary in accordance with Whitley Council Scales.

Applications stating age, education and experience, together with the names of two referees, to be sent to the Hospital Secretary.

C 8053

**THE ROYAL HOSPITAL
Wolverhampton**

Deputy Chief Pharmacist, Category V
required. This post offers scope to a pharmacist to acquire experience in the administration of a department which serves a group of twelve hospitals. Salary £1,232-£1,558. Flat available at reasonable rental. Apply with names of two referees to the Hospital Secretary.

C 8044

THE ROYAL FREE HOSPITAL**Pharmacist**

Applications are invited for the post of Pharmacist at the above Hospital...
on the scale £988 per annum plus London Weighting rising to £1,242 per annum with higher qualification allowance and extra pay for evening clinics. Applications with names of two referees should be addressed to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.I.
C 783

PUBLIC APPOINTMENTS**H.M. PRISON SERVICE****DISPENSING ASSISTANTS**

Pharmacy Technicians (Female) required at H.M. Prison Wormwood Scrubs.

Salary scale £530 rising to £769 plus £47 per annum environment allowance and additional allowances for suitably qualified applicants.

Five day week. Posts superannuable under N.H.S. superannuation scheme.

Unqualified candidates may be considered for appointment on a lower salary scale.

Apply Home Office, Prison Department (R54/JF), Hepburn House, Marsham Street, London, S.W.1.

C 8047

WANTED

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packaging raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledsbury Road, London, W.11. Tel: Park 3137-8. C 140

WE PURCHASE surplus and redundant stocks of every description especially packing material. Spot cash settlement. Reliance Trading Company, 23-25 Charles Lane, St. John's Wood, London, N.W.8. Tel: JUNiper 0701 C 599

WANTED: Surplus cameras, enlargers, cine-cameras and projectors, photographic equipment of every description. Surplus and outdated film and paper, large or small quantities. Phone, write or call: Spears (Dept. CD), back Watling Street, Shudehill, Manchester, 4. Telephone BLAckfriars 9432 (5 lines). Bankers: Midland Bank, Ltd. C 613

SITUATIONS VACANT**RETAIL**

UNQUALIFIED DISPENSER required full-time, good salary and conditions. Apply Bishops Pure Drug, 460, Holloway Road, N.7. C 2376

PART-TIME UNQUALIFIED DISPENSER required. Hours to suit. Apply Bishops Pure Drug, 460, Holloway Road, N.7. C 2377

SITUATIONS VACANT**WHOLESALE**

TABLET MAKERS. Vacancy exists in an old-established manufacturing firm for a senior foreman with all-round experience of the trade. Also workers with knowledge of process work wishing to widen their experience. 40-hour week, pension scheme. Write giving details of careers to date. Box C 8043.

WELL-KNOWN chemical distributing company in London are requiring replacement for **SENIOR EXECUTIVE** in charge of pharmaceutical sales who is shortly retiring. Should be experienced in this field, must be a determined salesman, also possessing pleasant personality. Good remuneration and prospects for right man. Send fullest particulars of experience and qualifications in confidence to Box 892, Reynell's, 88/90, Chancery Lane, W.C.2. C 8041

CONTROL CHEMIST. Required by a firm of manufacturing chemists within easy reach, Waterloo/London Bridge. Interesting work with excellent conditions and prospects, five-day week, 9-5, canteen. Salary from £900 p.a. Commensurate with qualifications and experience. Apply Box C 2375.

MEDICAL REPRESENTATIVES

Pharmaceutical Specialities (May & Baker) Ltd invite applications from young pharmacists or other appropriately qualified men to join their staff of Representatives engaged in the promotion of their ethical products to medical and allied professions.

Discussion of the Company's products mainly evolved from original research offers interesting and varied work.

Principally due to re-organisation and retirements, vacancies now exist in Lincolnshire, East Lancashire and West Yorkshire, Northumberland and North Durham, Oxford and Buckinghamshire, North Middlesex and South Hertfordshire, North Hertford, North and East

Essex and Western Ireland (Eire). The company is planning a comprehensive Training Programme to commence on the 2nd October 1967.

The position of Medical Representative carries with it attractive remuneration; Pension Scheme; use of Company car and reimbursement of expenses.

If you are interested in joining a Company which provides maximum professional support to individual initiative, and which is looking for men of calibre to develop in the years ahead, we shall be pleased to hear from you: please address your application to the Personnel Officer quoting reference No. 98/67/CD.

MAY & BAKER LTD DAGENHAM ESSEX

C 8030

Situations Vacant Wholesale—Continued.

EVANS, GADD & COMPANY LTD.

***Warehouse
Supervisor*****Bristol**

A Male Warehouse Supervisor is required by Evans, Gadd & Co. Ltd., for their new distribution warehouse to which their existing business at Bristol is shortly to be transferred.

This interesting and permanent position would suit a man between 30 and 45 years of age with a wide experience in pharmaceutical wholesaling and ability to control staff.

He will be required to work under the General Manager of the Branch and help to develop the full potential of this new venture by an old-established but forward-looking Pharmaceutical Wholesaler.

A good and progressive salary will be offered to the right candidate.

Apply in confidence, giving brief details of your career to:

J. H. Ward, F.P.S.,
Evans, Gadd & Company Limited,
10 Smythen Street, Exeter, Devon.

C 8035

SITUATIONS WANTED

HEAD TABLET MAKER seeks interesting position, 35 years' experience in this field, including sound mechanical knowledge. Box C 2361.

PROFESSIONAL Freelance Window Dresser available. Specialising in Window Displays and Interior Decor for chemists. Box C 2371.

AGENTS

LEADING IMPORTERS OF SUNGLASSES of good quality but in medium price range see to improve their distribution and sales in the London area and S.E. England. Applications sought from active Distributors, Agents etc., with good connection for quality merchandise. 1968 season. Full details sales experience, market coverage etc., to Sales Director, Box C 8048.

SOMERSET — Dorset — Devon — Cornwall. Experienced agent seeks connection with reputable principal requiring responsible and active representation through all or part of above area. Commission basis. Box C 2378.

BUSINESS OPPORTUNITIES

STETHOSCOPES. sphygmomanometers, etc. First class goods at ridiculous prices. If you want real profit write now for lists. Concession areas guaranteed. A.G.H.C., 2 Palace Yard, Hereford. Tel.: 4584. C 2359

FOR SALE

2s. PER £ EXTRA PROFITS. Q.T. Lotion; Quickies; Polycolor; Breck; Style; Get-Set; Brylcreem; Robinsons Barley Water; Nivea; All at extra 10 per cent. discount. J. James & Sons, 147 Northfield Avenue, London, W.13. Phone 567 2670. C 8052

SHOPFITTERS

MODERN SHOP FRONTS at competitive prices. Designs and quotations free. Also Interplan interior fittings made specially for the chemist. Send for brochures Olney Bros., Ltd., Jade Works, Bedford Street, Berkhamsted, Herts. Tel.: 5417. C 795

TENDERS**NOTTINGHAMSHIRE
COUNTY COUNCIL
HEALTH COMMITTEE**

Tenders are invited for the supply of the following goods and articles to various premises within the County for a period of 12 months commencing 1st November, 1967:—

MEDICAL AND SUNDRY SUPPLIES
SURGICAL APPLIANCES AND INSTRUMENTS
NURSING EQUIPMENT AND APPLIANCES, INCLUDING COMMODES AND WHEELCHAIRS
RUBBER ARTICLES
SURGICAL DRESSINGS AND PLASTERS ETC.
MATERNITY OUTFITS AND PADS
COD LIVER OIL PRODUCTS
DENTAL CONSUMABLE STORES AND INSTRUMENTS
VACCINES

Further particulars and forms of tender and conditions of contract may be obtained from the County Medical Officer, County Hall, West Bridgford, Nottingham. Completed tenders in the envelopes provided should be received not later than 10 a.m. on Friday, 8th September, 1967.

A. R. DAVIS
Clerk of the County Council
County Hall,
West Bridgford,
Nottingham.

A. R. DAVIS

Clerk of the County Council

County Hall,
West Bridgford,
Nottingham.**MISCELLANEOUS**

1,000 PRESCRIPTION LABELS 35s. (Size 3 x 2) 2,500 £3 10s. 0d. 5,000 £5 0s. 0d. Definite 7 Day Delivery. Send Trial Order. C.W.O. SPEEDPRINT SERVICES, 60a, High Street, EGHAM, Surrey. Tel. Egham 4978 (ET9). C 2354

COHAR FOR CARPETS. Up to 30% saving, all leading makes, carriage free U.K. Expert fitting most areas. Up to 22½% Furniture, 22½% Venetian Blinds, 15% Sewing Machines, 17½% Washing Machines, 15% Refrigerators, 15% Typewriters, 12% Parquet Tiles, 15% Furs, 15% Tyres, 12½% Outboard Motors and Boats, 10% Lawn Mowers, 12½% Power Tools, 15% Cutlery. Showrooms at London, Leicester, Sheffield, Bradford, Leeds, Hull, Middlesbrough, Manchester, Newcastle, Bristol, Hadleigh (S), Liverpool, Cardiff, Swansea, Aberdeen, Edinburgh, Plymouth, Bournemouth, Brighton, Glasgow, Dundee, Birmingham, Preston, Blackpool, Belfast, Nottingham, Huddersfield, Sevenoaks, Thorpe Bay, Ottery St. Mary, Cambourne, Norwich, Lincoln, Coventry. Write stating requirements or for introductions, Cohar Distributors (Dept. 28), 16 Jacob's Well Mews, George Street, London, W.1. (Mail Only) and 47 Oswald Street, Glasgow, C.1 or phone Glasgow 041, 221, 2771, London CHAncery 2345, Birmingham MIDland 8333, Manchester CENtral 2321, Cardiff 40404, Liverpool ROY 3232, Leeds 3-4433, Newcastle 61-0666, Sheffield 2-6622. C 600

HEALTHCRAFT NATURAL VITAMINS. Brand leaders. Best trade terms. Direct or through your wholesaler. Details from Healthcrafts, The Manor House, Worcester Park, Surrey. DERwent 3877/89. C 722

Camera Repairs

CAMERAS, (all types). CINES and PROJECTORS, ELECTRONIC FLASH, EXPOSURE METERS, BINOCULARS

COUSINS & WRIGHT

Repairs to all Kodak apparatus. Fully accredited repairers for Rollei, Bell & Howell, Zeiss Ikon and most other makes.

THE HALVE, TROWBRIDGE, WILTSHIRE
Tel.: 4242/3 C 780

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advertisement

01-353 6565

by 4 p.m. Tuesday
for same week, subject
to space available



NATIONAL LAUNCH

minnims advertising will appear in five major Sunday newspapers

Forceful advertisements, attention-getting spaces, every week for ten weeks in *Sunday Express*, *The People*, *Sunday Times*, *Sunday Post* and *Sunday Mirror*. And that's only the beginning!

Hard on the heels of the first far-reaching launch comes another campaign, this time in women's magazines.

dispenses each little cube individually

Here's the pack to stock!

Minnims come in this thin plastic dispenser-pack which has a simple, but effective method of dispensing the cubes singly. Ideal for handbags or waistcoat pockets!

What sweet-tooth slimmer could resist Minnims?

Minnims are supported right down the line with plenty of persuasive display material: window bills, scales/door stickers, 3D polystyrene showcards and counter dispensers. All very inviting without taking up too much space!

Retail price 2/6 per 100 cube dispenser (no purchase tax).

PRIORITY ORDER FORM

Deliver immediately to:

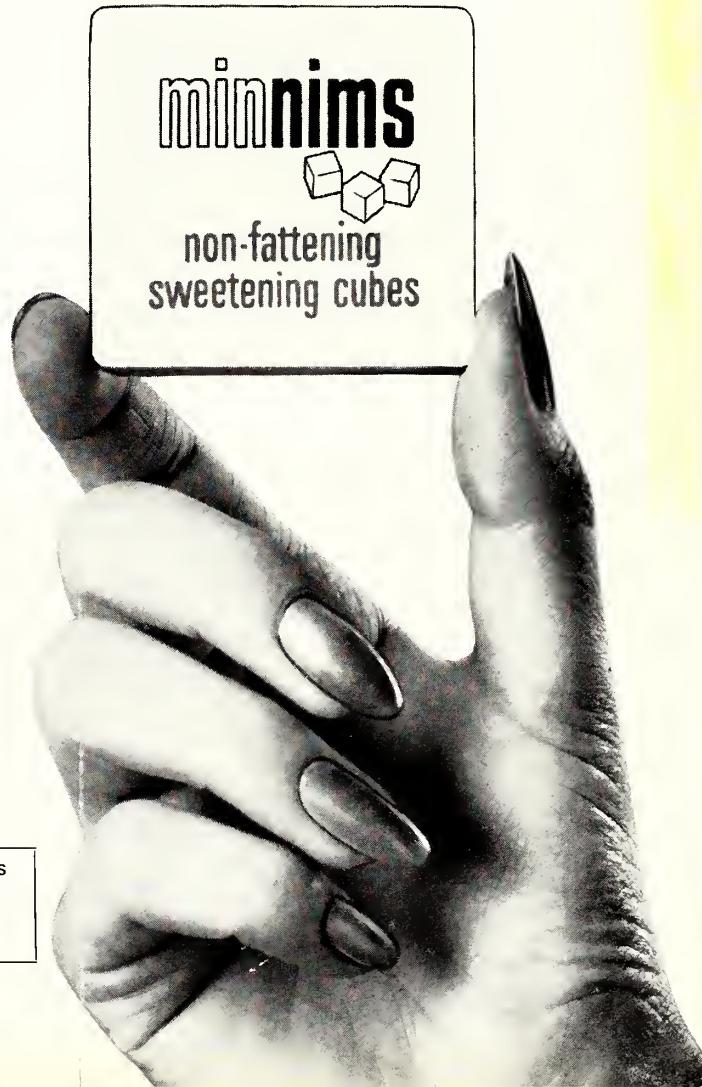
NAME.....

ADDRESS

MINNIMS Counter Dispenser	Retail Price Per Unit 2/6	Standard list price per pack of 12 units 21/-	Purchase Tax NIL	No. of Packs Required
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REMEMBER 3 ONE DOZEN PACKS QUALIFY FOR BIG BONUS

 Minnims are made by Trentham Laboratories of Nottingham
Distributed by Vestric Ltd. of Runcorn



NEWSFLASH

**Sodium Cyclamate gets Government approval
for use as sweetening agent in solid form !**

RESULT ?

**minnims A BRAND NEW SWEETENER
TO STIR UP THE SLIMMING MARKET**



MINNIMS are Britain's first cyclamate sweetener in solid form for slimmers. Based on sodium cyclamate (Government approved sugar-substitute) Minnims are designed to carve out a major slice of the sweetener market because they look like sugar, taste like sugar and bring back sugar-like sweetness to slimmers' tea and coffee. Approved by the British Diabetic Association.

43% MARK-UP

PLUS BIG BONUS OF
14 to the dozen on 3 DOZEN and
over giving you

66% PROFIT ON OUTLAY

and it's for CHEMISTS only.

Postage
will be
paid by
licensee

No postage
stamp necessary
if posted in
Great Britain
Northern Ireland

BUSINESS REPLY SERVICE
Licence No. RZ 19

VESTRIC LIMITED,
CHAPEL STREET,
RUNCORN, CHESHIRE



14th century gatehouse entrance
to Ransom's factory, symbolized
in the Company's trademark.

Ransoms have served the industry for 120 years

Ever since William Ransom started his drug-growing farm in 1846, the company he founded has made valuable contributions to the pharmaceutical industry through its specialization in medicinal plant cultivation and galenical production. Ransoms have always

been in the forefront of the industry through constant devotion to research and development and their products are now known and trusted throughout the world. The benefits of Ransom's technical resources are at the disposal of large buyers of drugs and galenicals.



Established 1846

William Ransom & Son Ltd.

Hitchin, Hertfordshire, England

AUGUST 5 1967

CARNATION

*advertising to YOUR customers
during 1967*

This collage consists of several black and white magazine advertisements for Carnation Corn Paint. The top row features four main ads: 1) 'Why suffer CORN agony?' showing a box of Carnation Corn Caps at 1/9 1/2 d. 2) 'CORN'S? DON'T RISK THE RAZOR ... USE CARNATION CORN CAPS' with a price of 1/9 1/2 d. 3) 'Banish CORNagony WITH CARNATION CORN PAINT' showing a bottle and box at 2/1/2 d. 4) 'CARNATION CORN PAINT' with a price of 2/1/2 d and a note 'FROM YOUR CHEMIST'. The bottom row includes: 1) 'Instant relief from CORNS!' with a box of Carnation Corn Caps at 1/9 1/2 d. 2) An advertisement for 'Jane Dunbar' featuring a portrait of the actress and the text 'Advertisement from page 101'. 3) A small advertisement for 'BYWELLS' with a woman's face. 4) An advertisement for 'SARAH SEATON' with a building illustration. 5) An advertisement for 'JULIE JAYNE'S BUYING SPREE for you and your home' featuring a portrait of Julie Jayne. 6) An advertisement for 'Margot Lang's GIFT GUIDE' featuring a portrait of Margot Lang. 7) A small advertisement for 'RIVERDALE BASIC POWDER'.

**in the News of the World, People, Sunday Mirror, Scottish
Sunday Post, Belfast Telegraph, Woman's Own, Woman's Realm,
Woman's Weekly, Woman, Woman and Home.... from
April to November; combined circulation over 25,000,000
*plus POSTERS on main stations of London Underground!***

CARNATION FOOT COMFORTS

RETAILLED THROUGH CHEMISTS ONLY
CUXSON GERRARD & Co. Ltd., OLDBURY, BIRMINGHAM